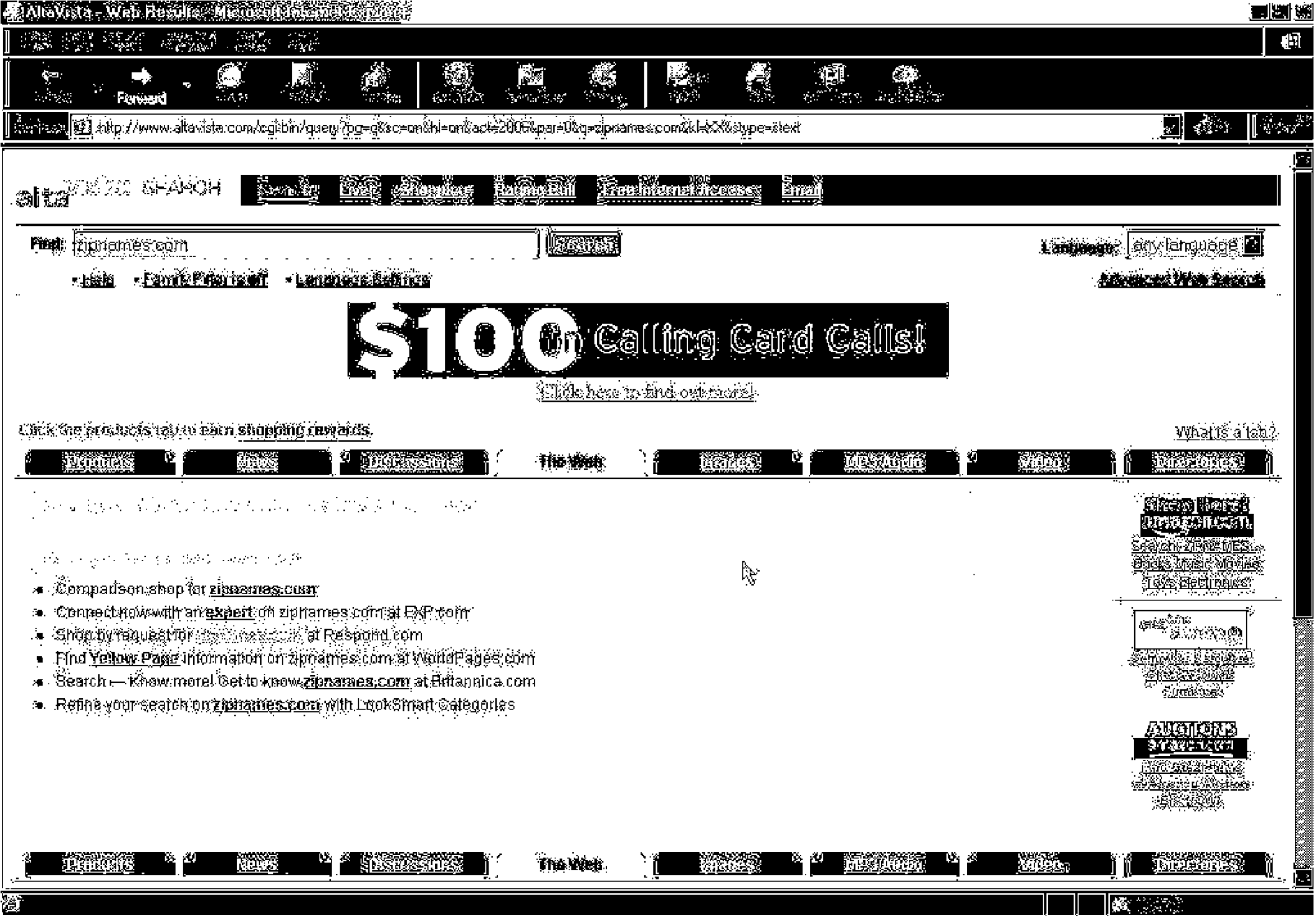
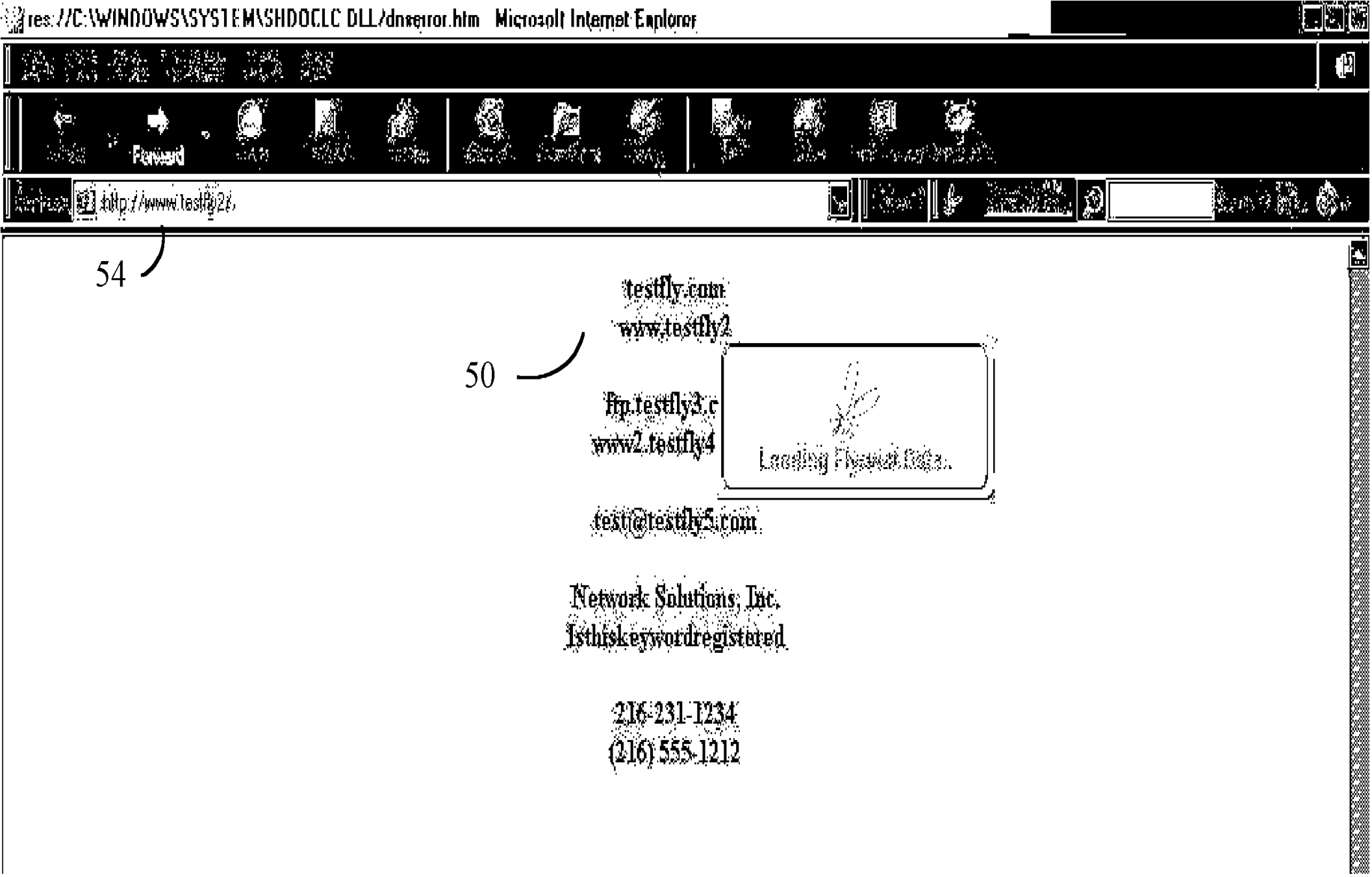


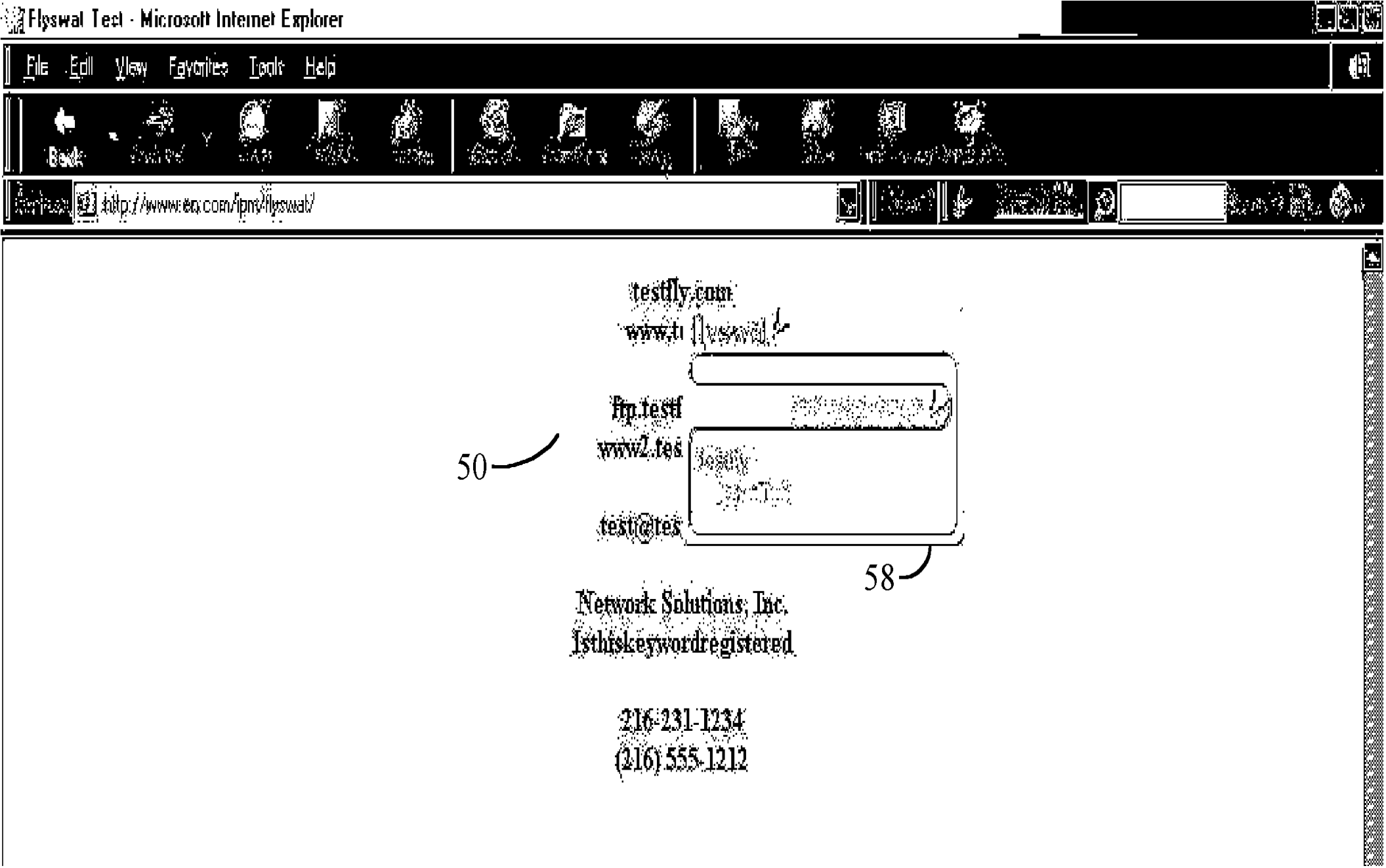
Prior Art

Fig. 1a



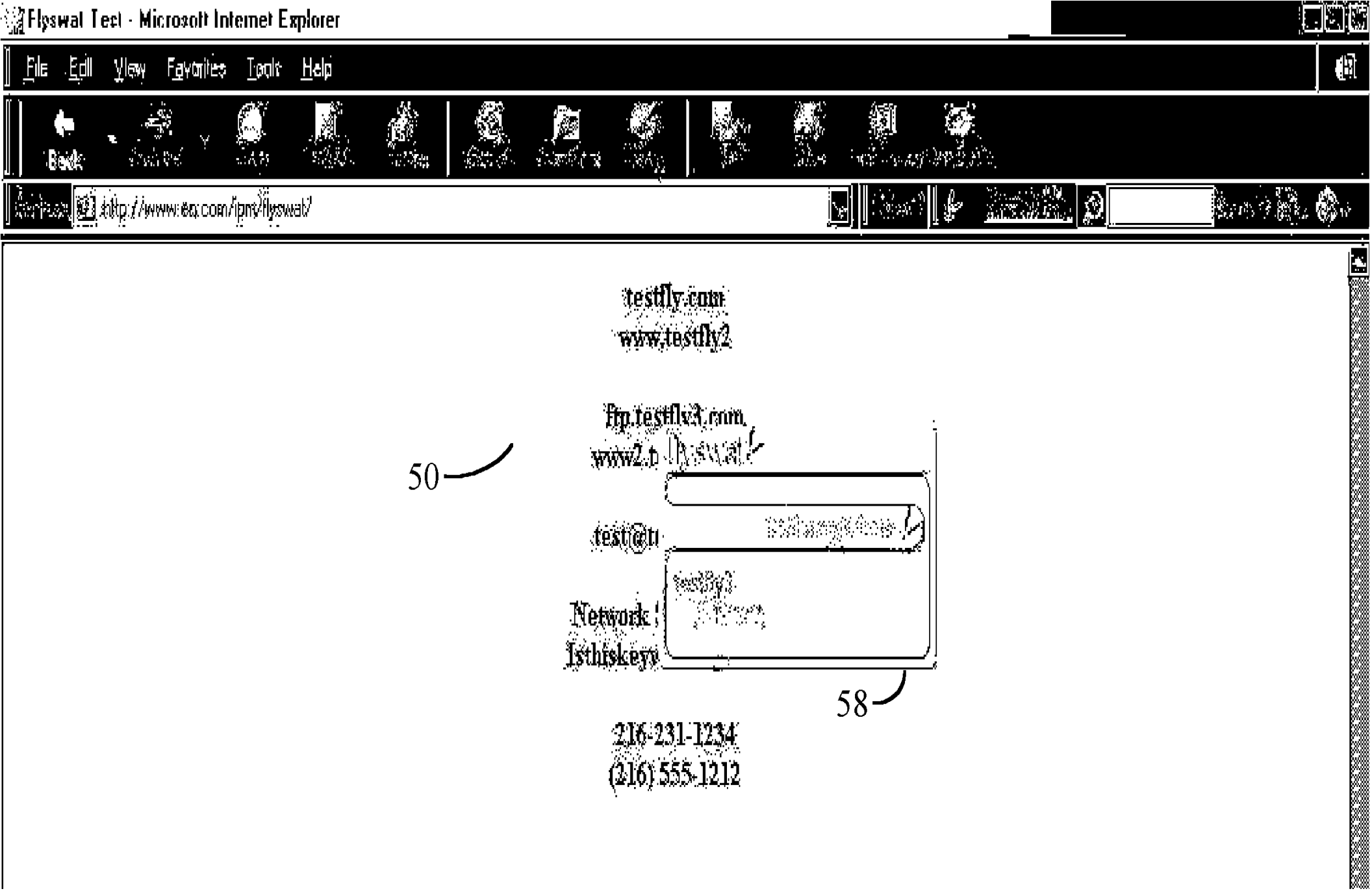
Prior Art

Fig. 1b



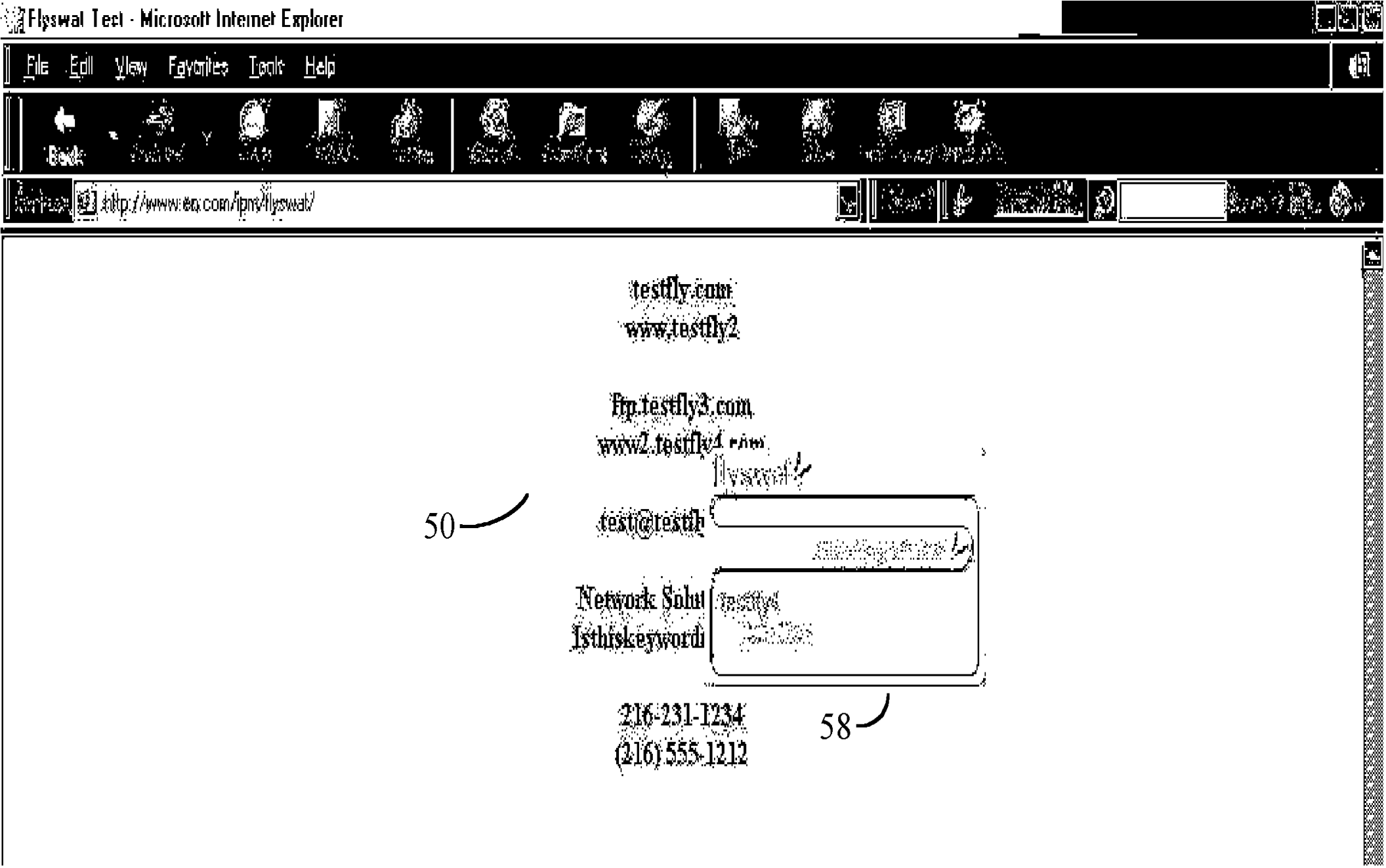
Prior Art

Fig. 1c



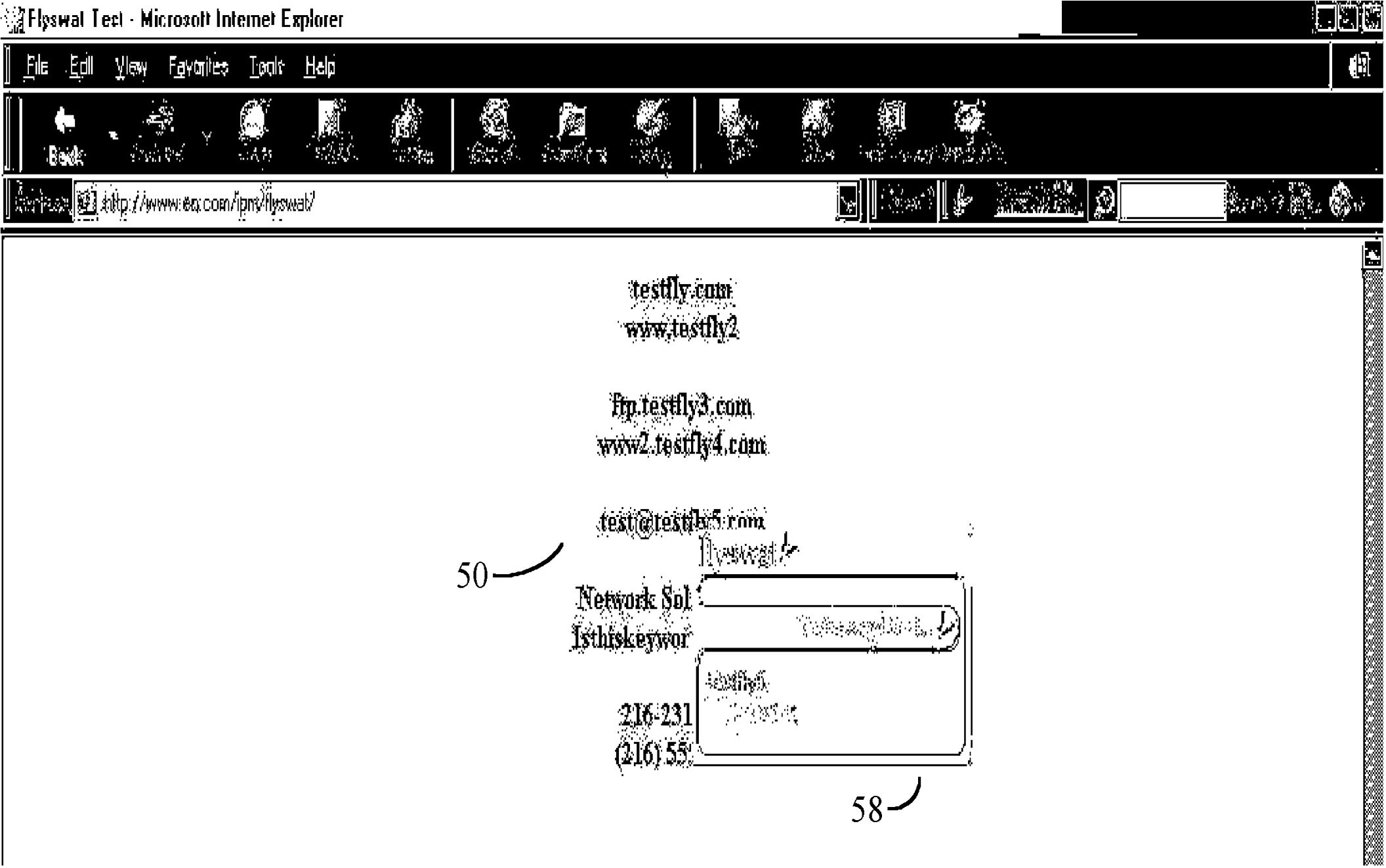
Prior Art

Fig. 1d



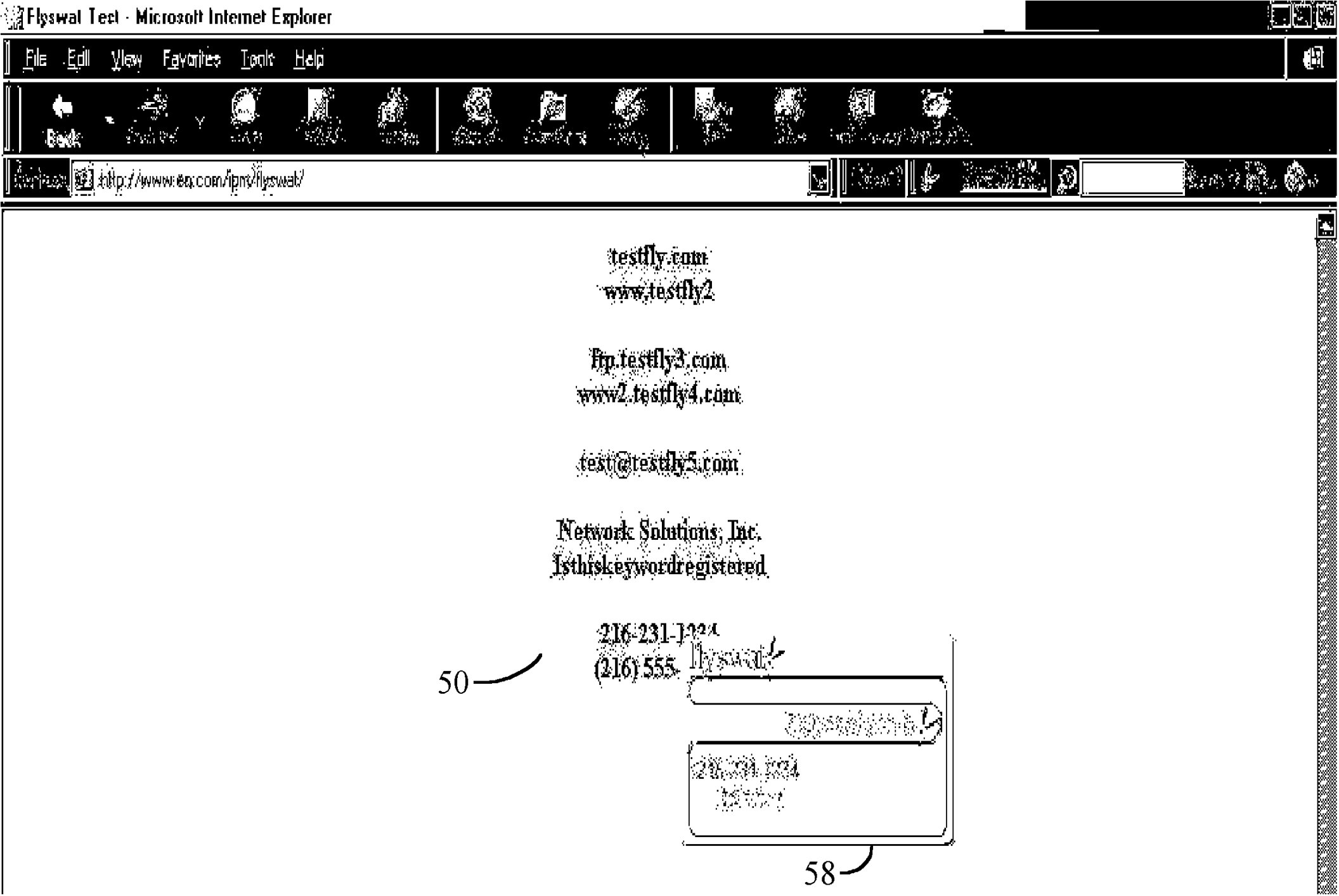
Prior Art

Fig. 1e



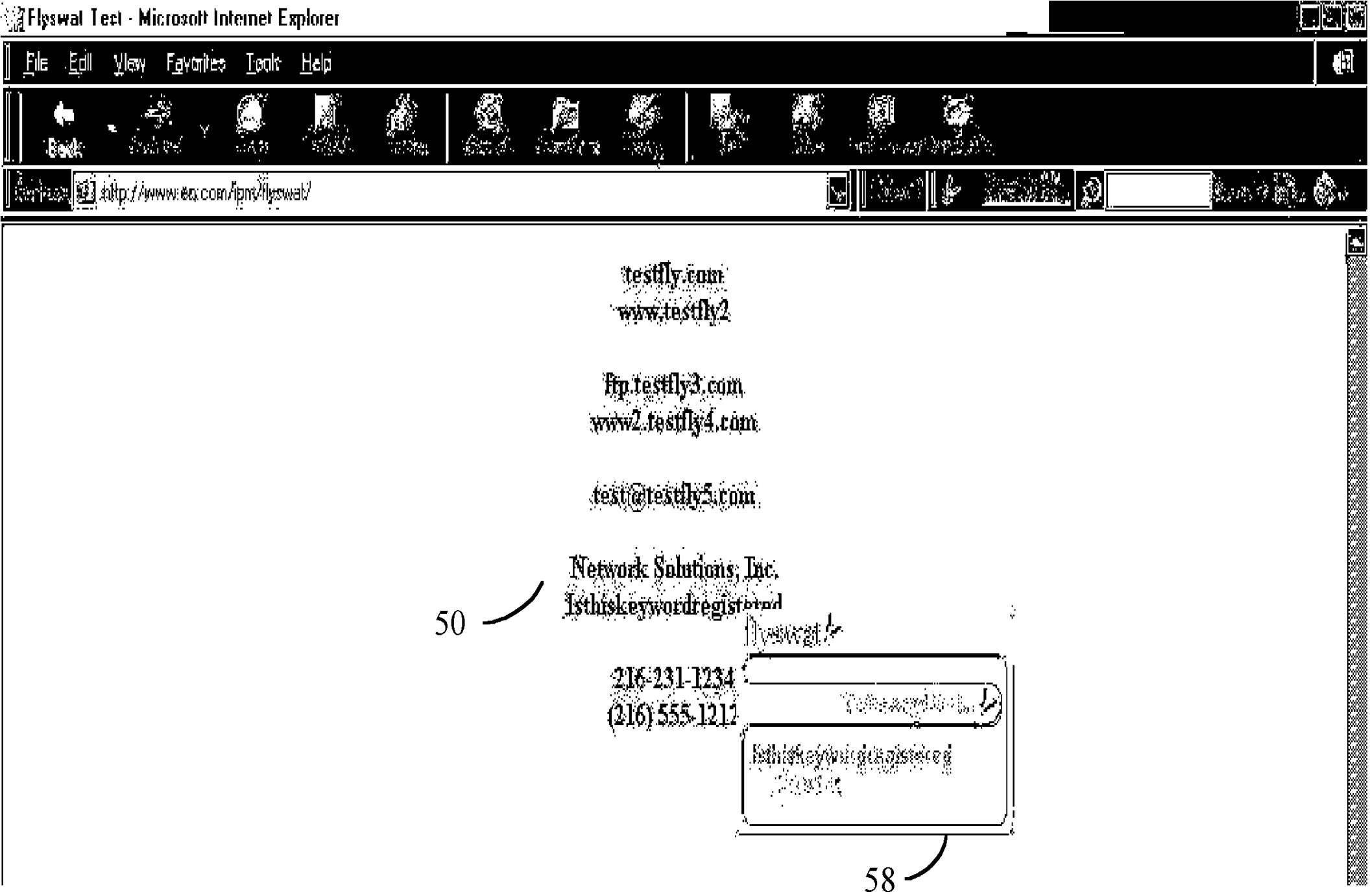
Prior Art

Fig. 1f



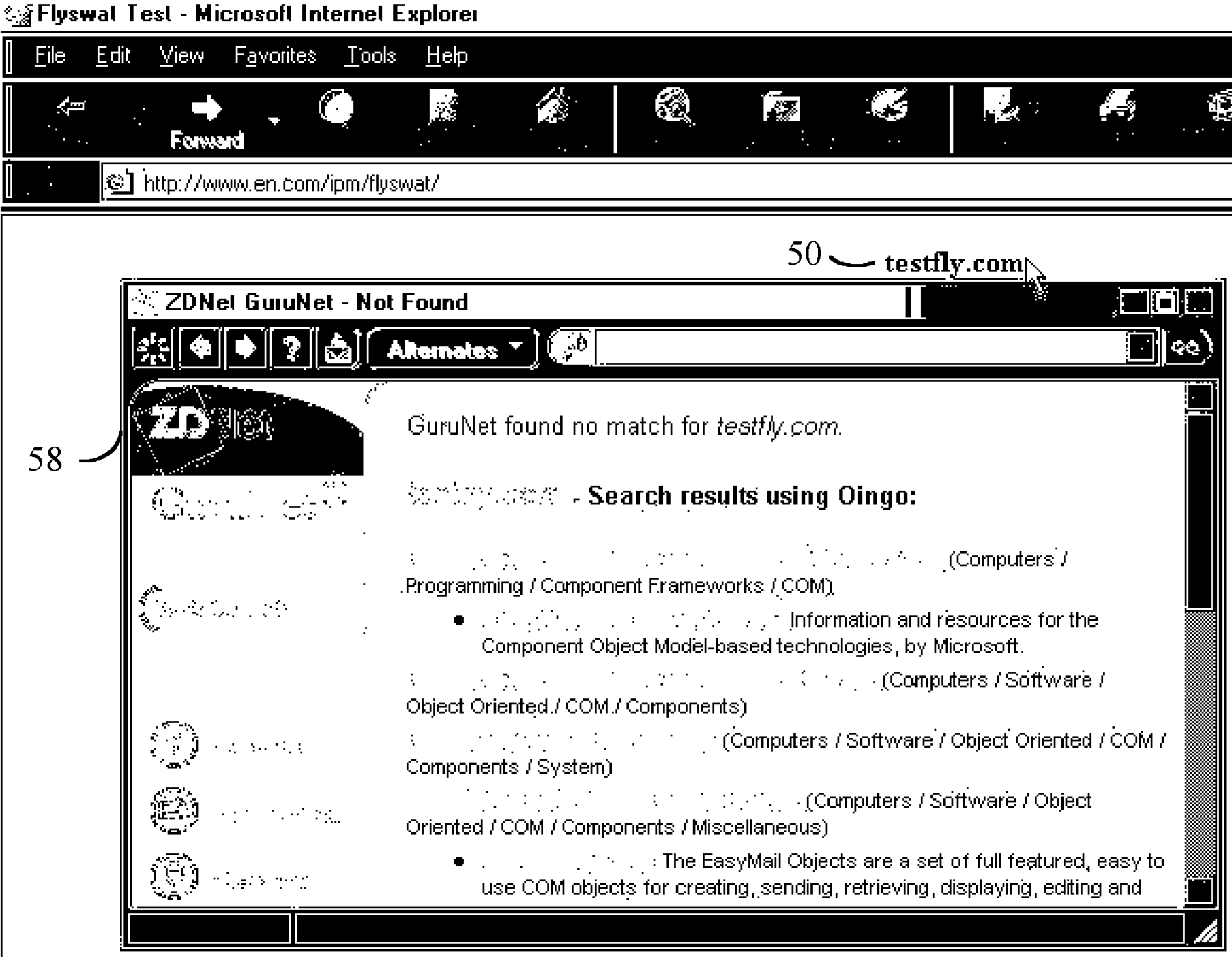
Prior Art

Fig. 1g



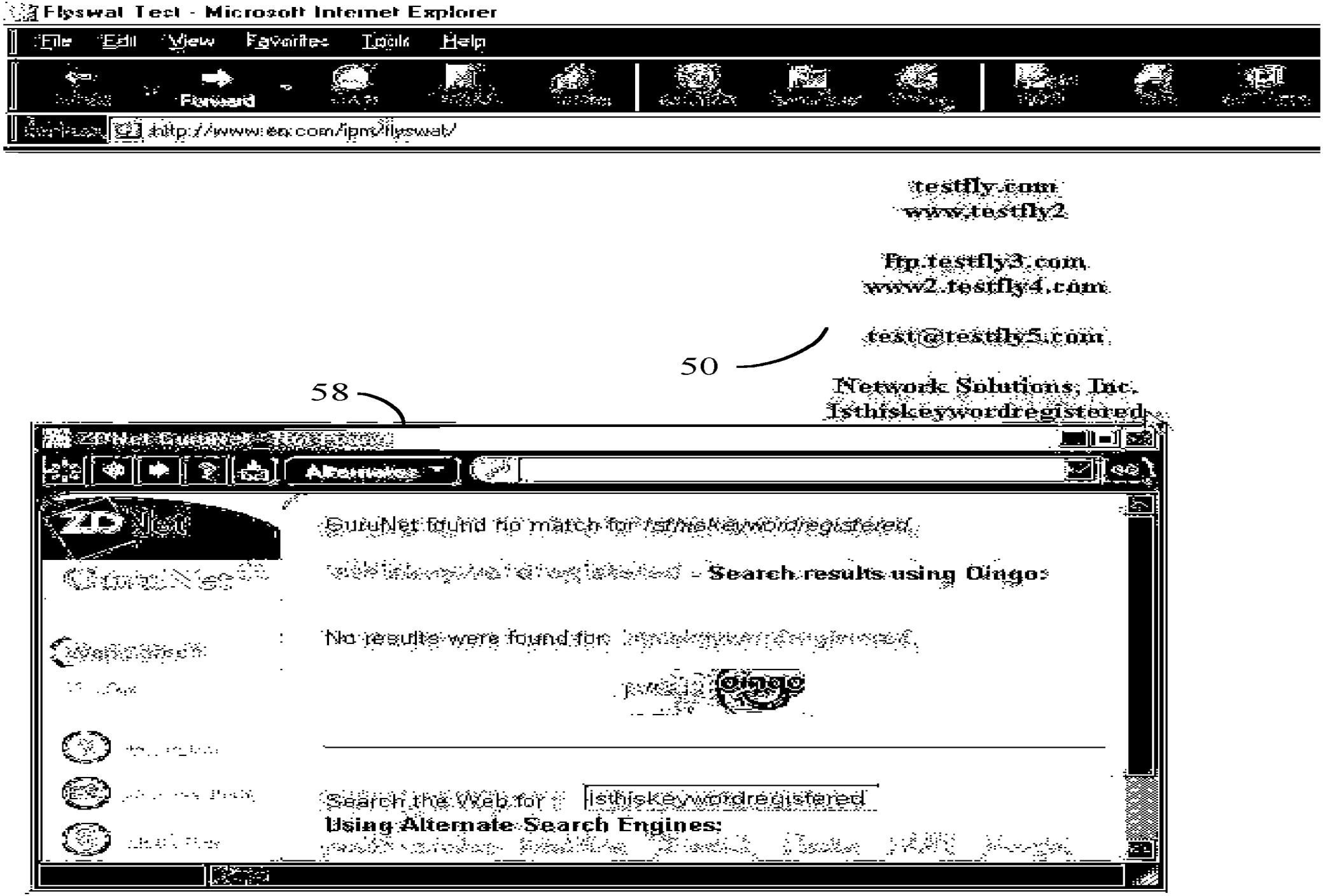
Prior Art

Fig. 1h



Prior Art

Fig. 1i



Prior Art
Fig. 1j

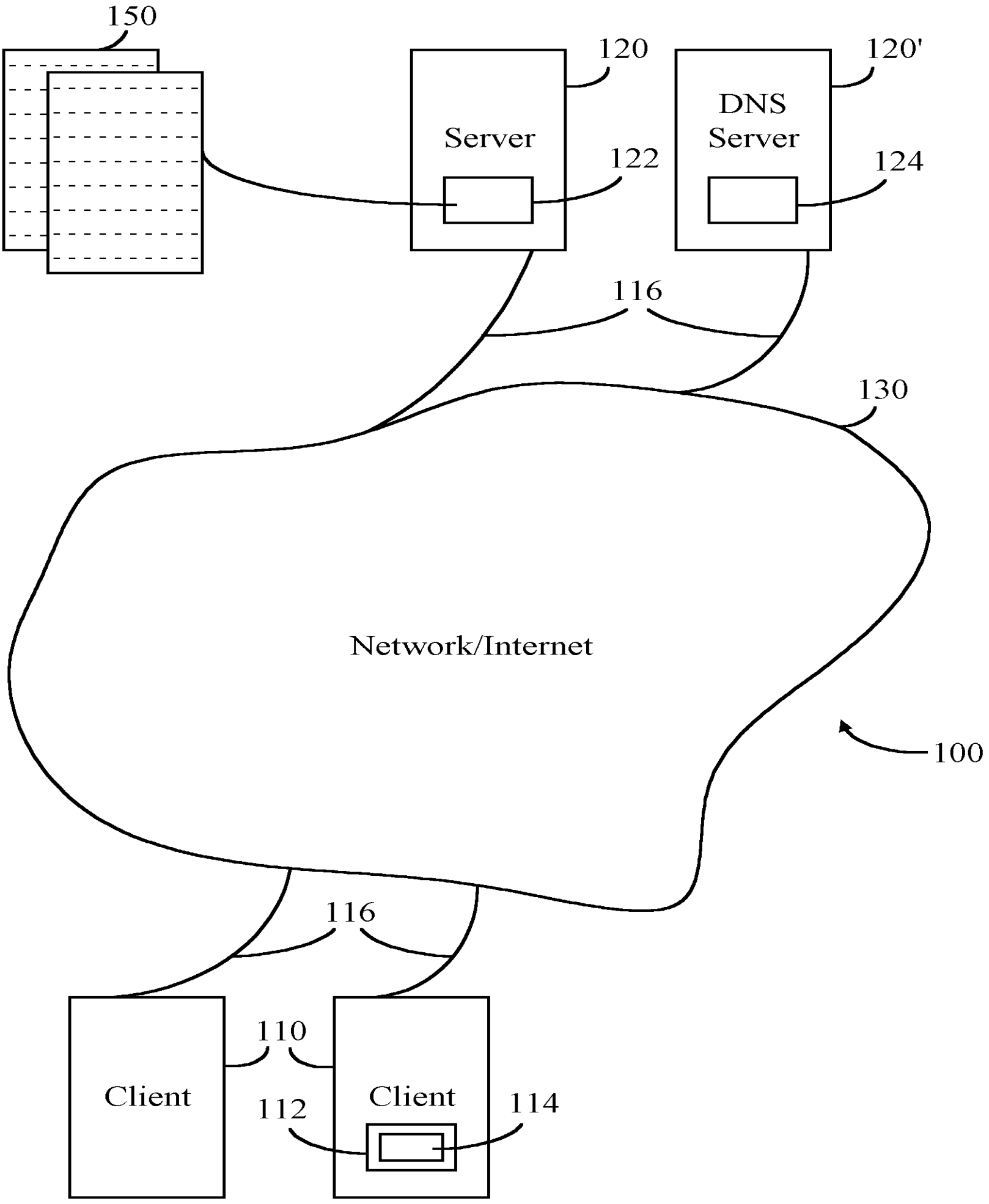

150
120
Server
122
120'
DNS
Server
124
116
130
Network/Internet
100
116
110
Client
112
Client
114

Fig. 1k

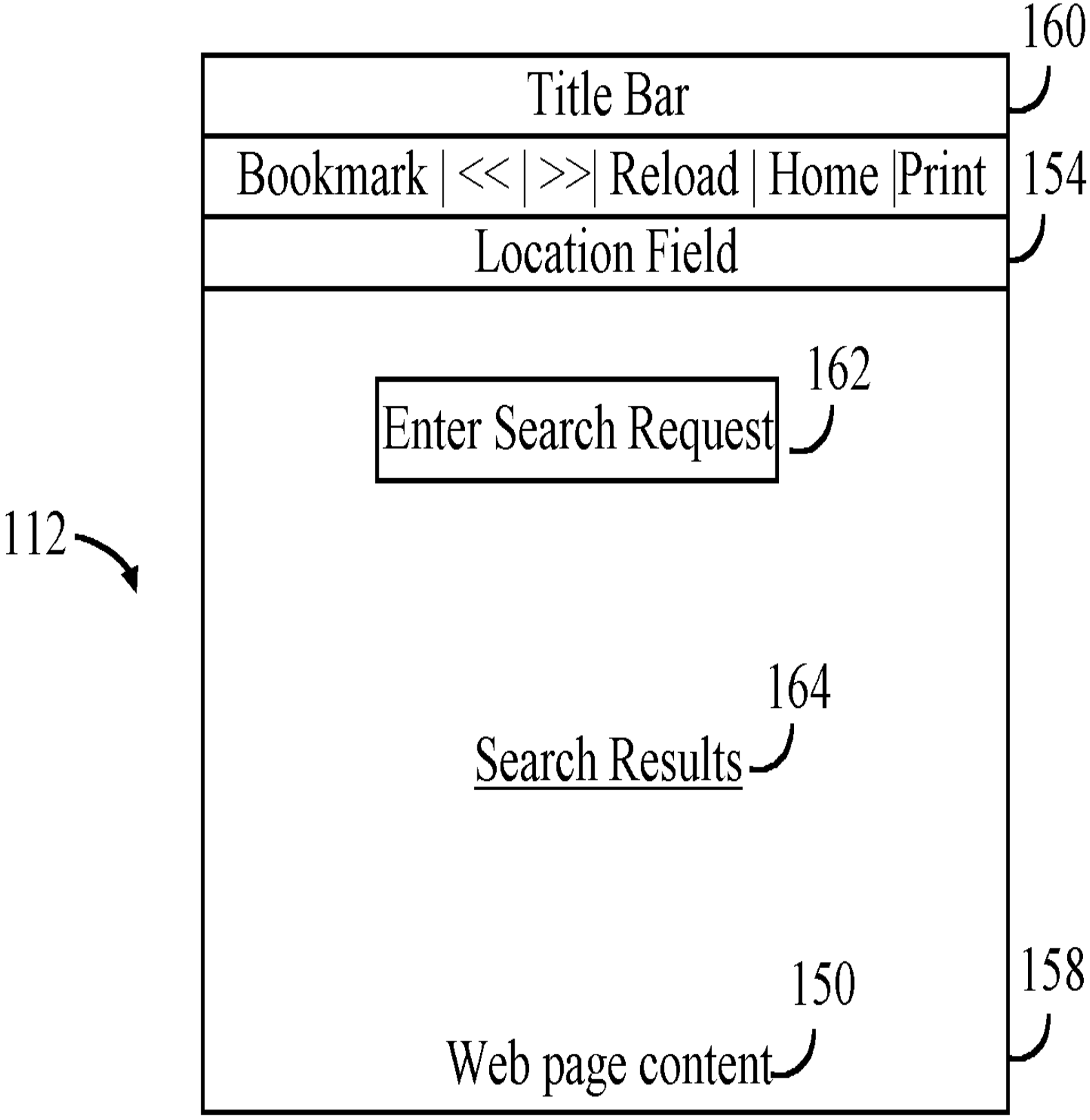

160
Title Bar
Bookmark | << | >>| Reload | Home |Print
154
Location Field
162
Enter Search Request
112
164
Search Results
150
158
Web page content

Fig. 1l

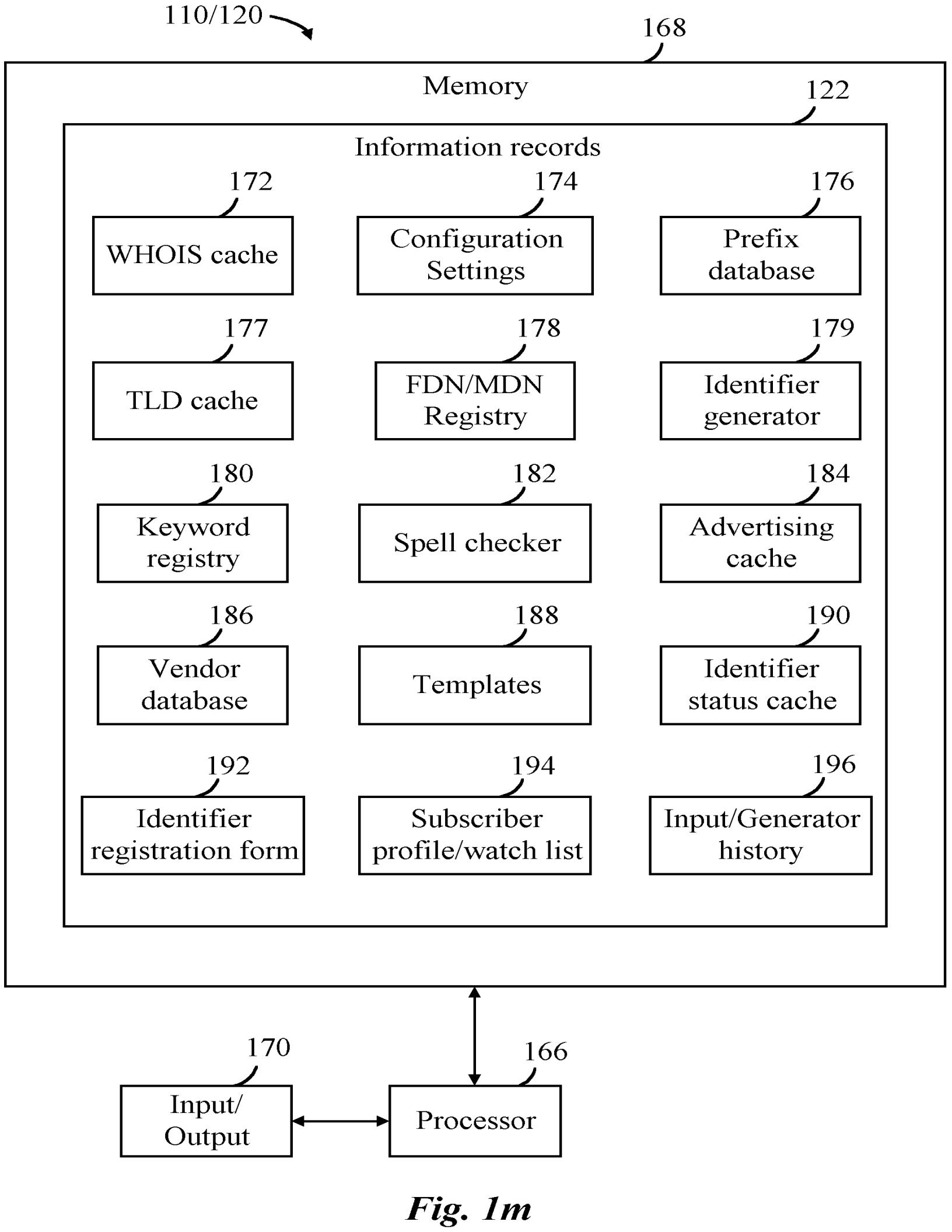
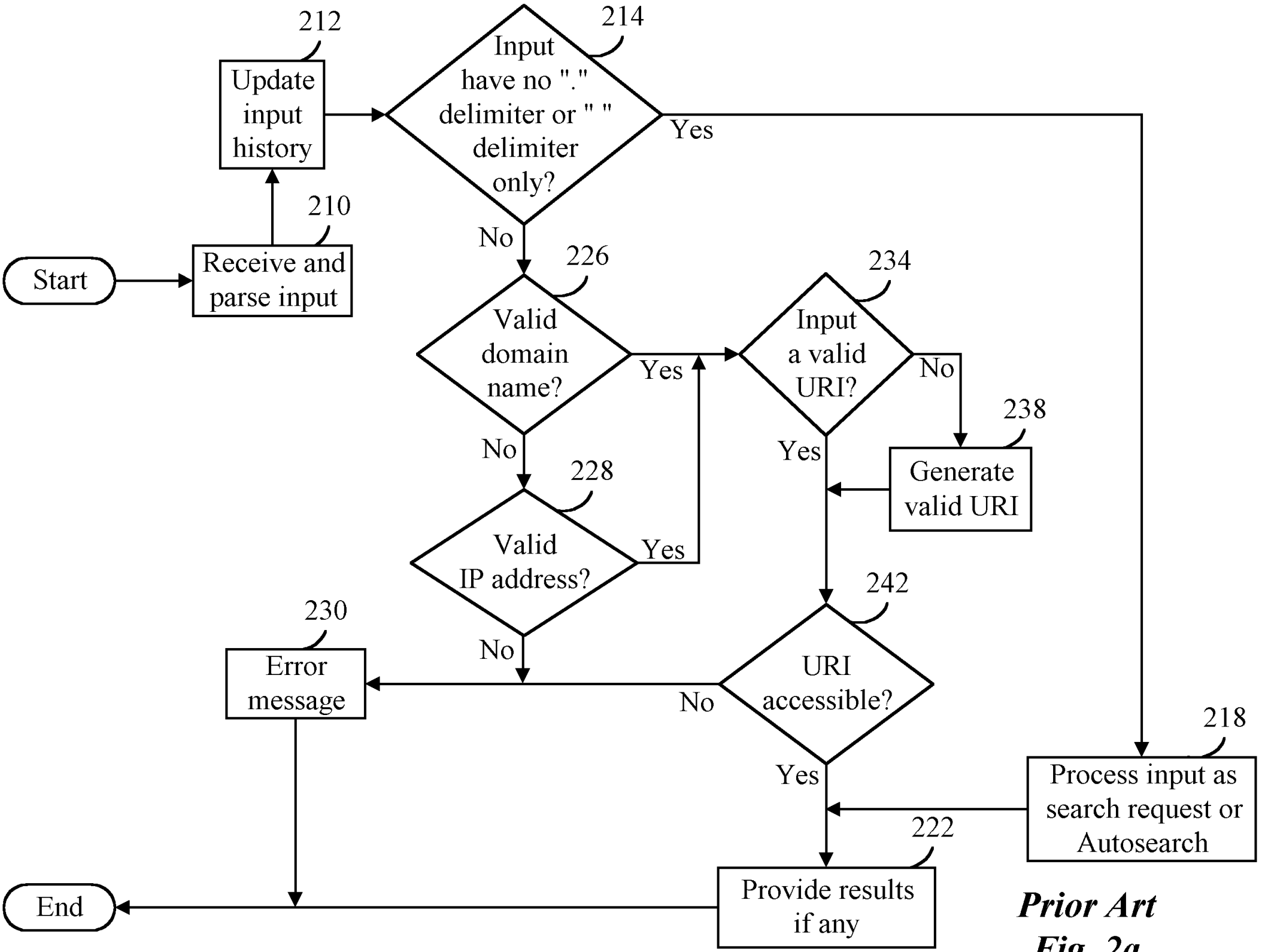
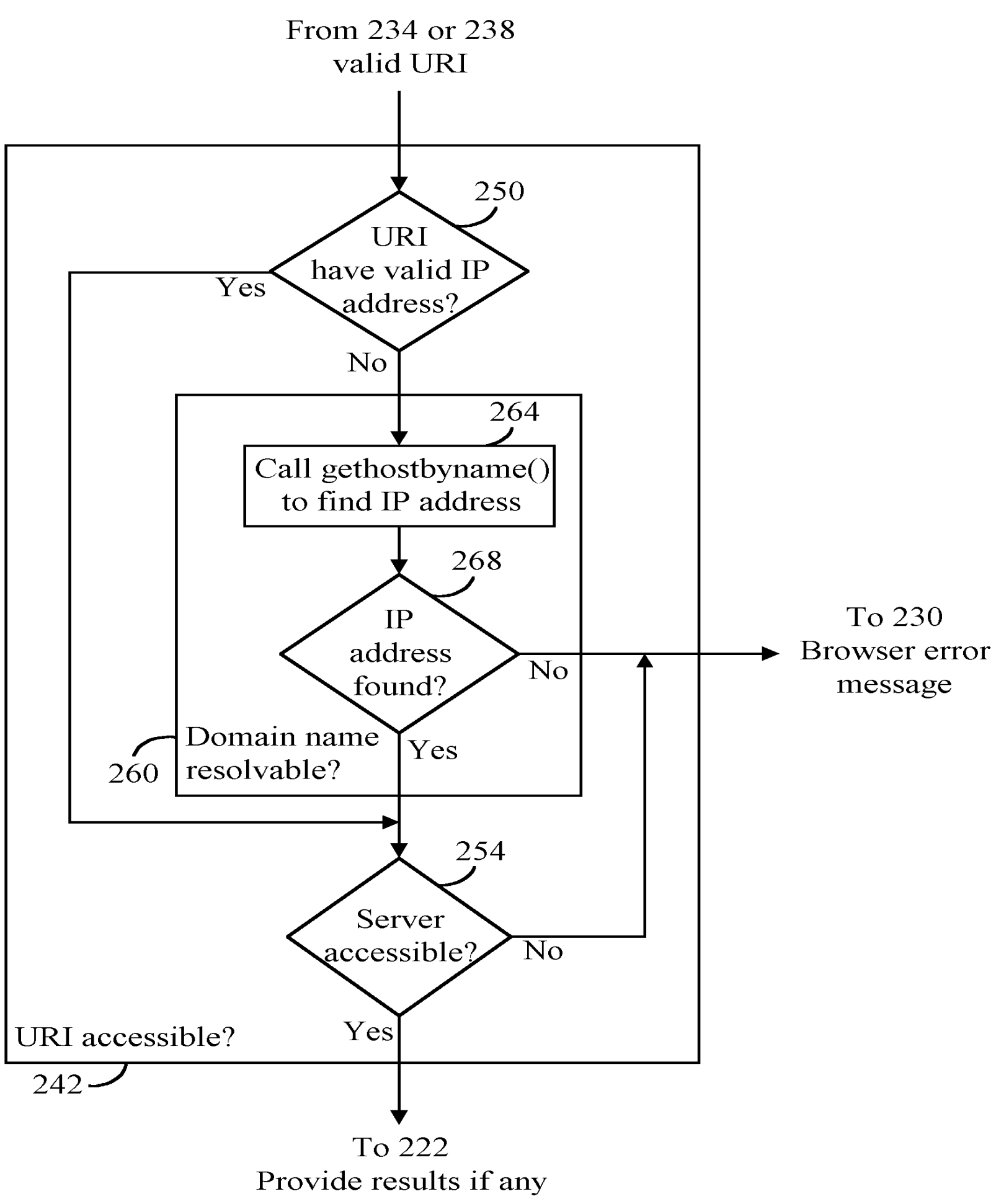

110/120
168
Memory
122
Information records
172
WHOIS cache
174
Configuration Settings
176
Prefix database
177
TLD cache
178
FDN/MDN Registry
179
Identifier generator
180
Keyword registry
182
Spell checker
184
Advertising cache
186
Vendor database
188
Templates
190
Identifier status cache
192
Identifier registration form
194
Subscriber profile/watch list
196
Input/Generator history
170
Input/ Output
166
Processor

Fig. 1m



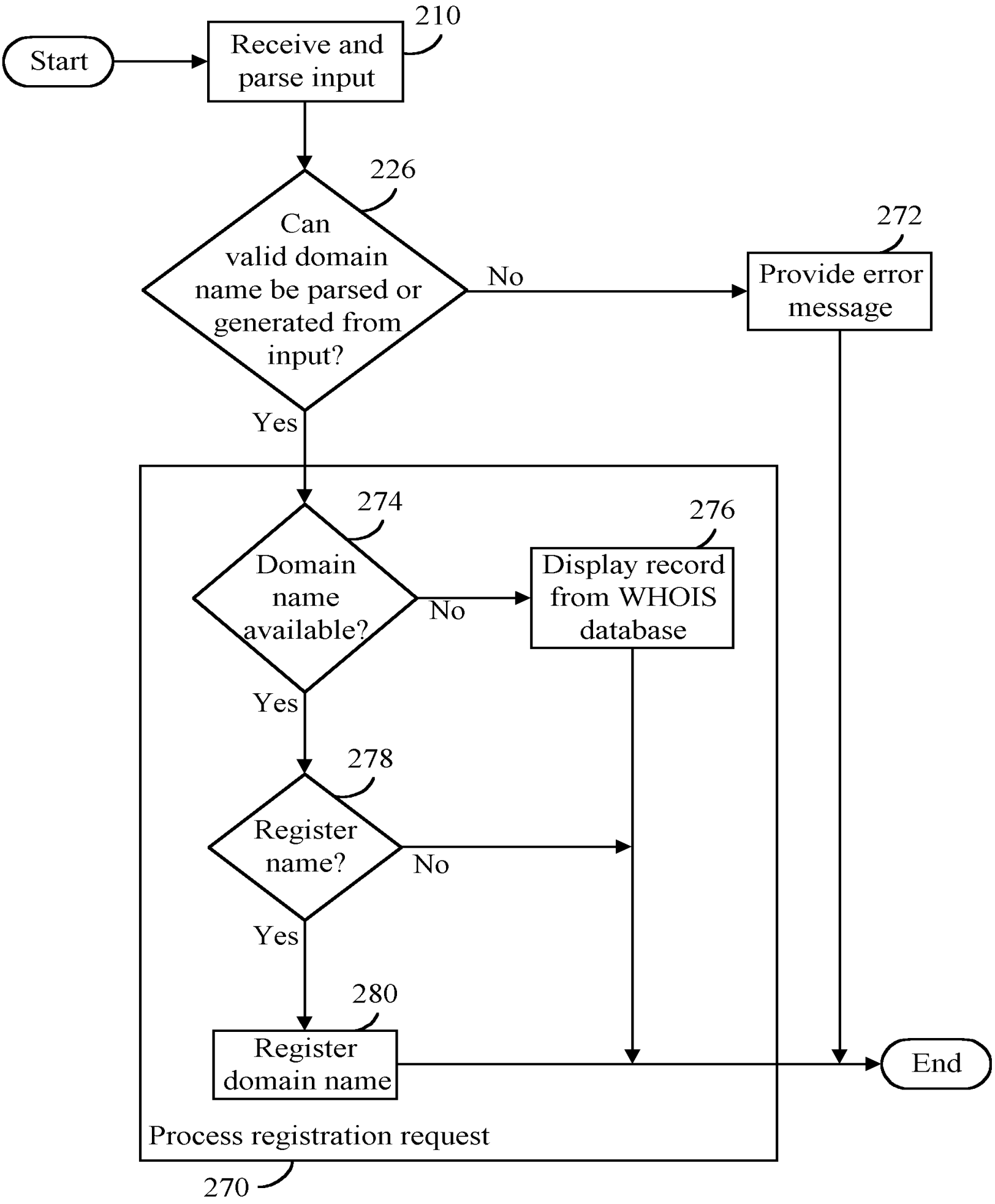
Prior Art

Fig. 2a



Prior Art

Fig. 2b



Prior Art

Fig. 2c

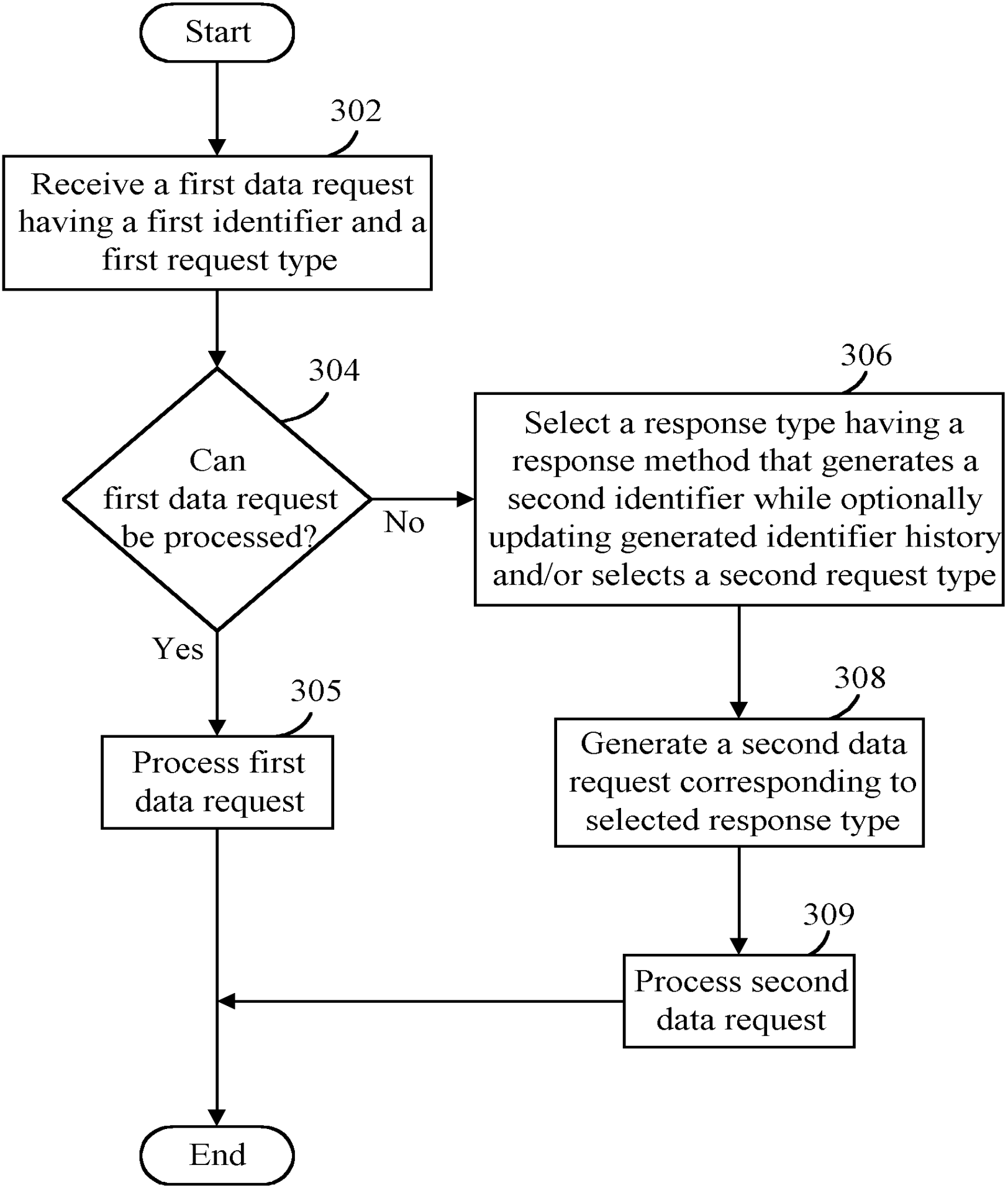

Start
302
Receive a first data request having a first identifier and a first request type
304
Can first data request be processed?
No
306
Select a response type having a response method that generates a second identifier while optionally updating generated identifier history and/or selects a second request type
Yes
305
Process first data request
308
Generate a second data request corresponding to selected response type
309
Process second data request
End

Fig. 3a

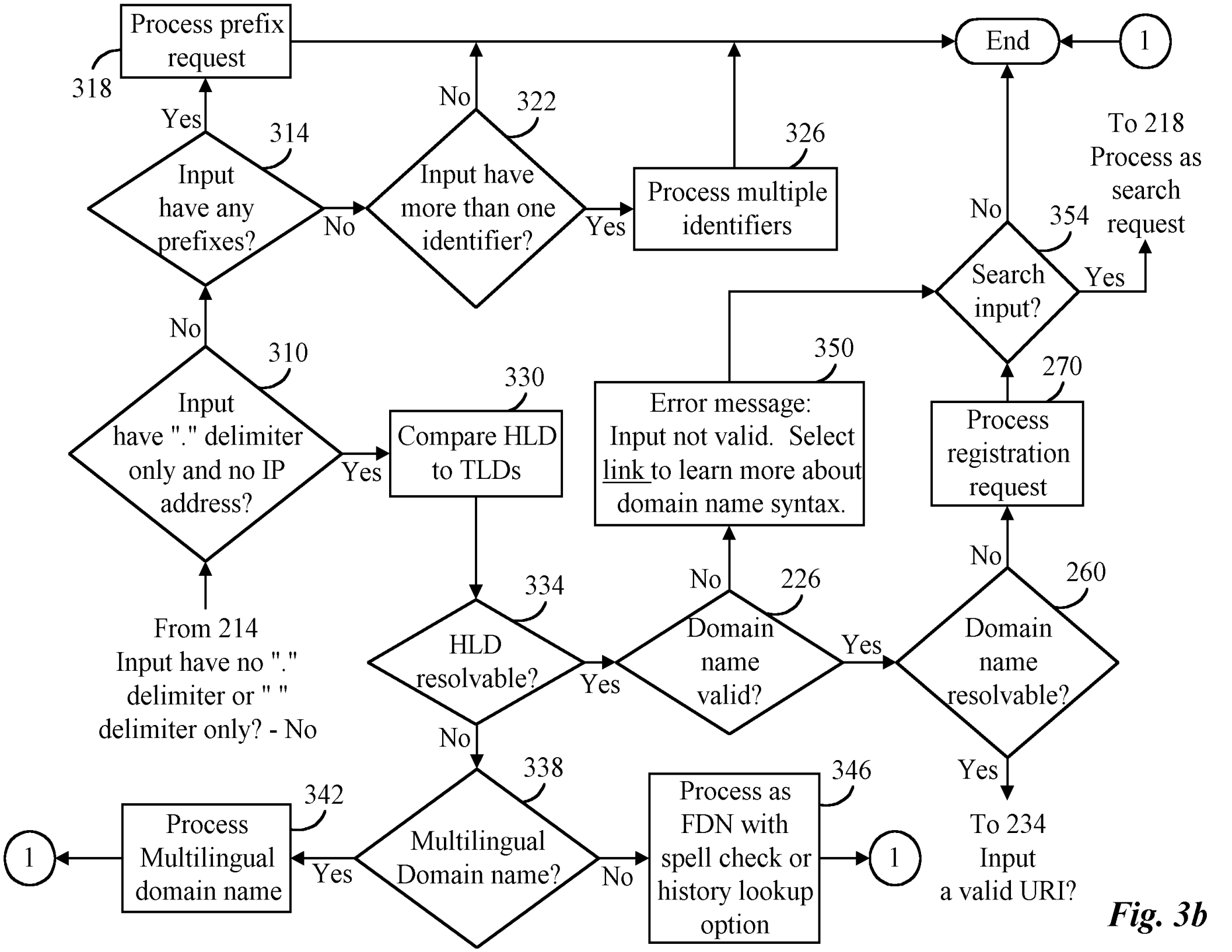

Process prefix request
318
End
1
Yes
314
Input have any prefixes?
No
Input have more than one identifier?
322
No
Yes
326
Process multiple identifiers
To 218 Process as search request
No
354
Search input?
Yes
No
310
Input have "." delimiter only and no IP address?
Yes
330
Compare HLD to TLDs
350
Error message: Input not valid. Select link to learn more about domain name syntax.
270
Process registration request
From 214 Input have no "." delimiter or " " delimiter only? - No
334
HLD resolvable?
Yes
No
226
Domain name valid?
Yes
No
260
Domain name resolvable?
Yes
No
338
Multilingual Domain name?
Yes
342
Process Multilingual domain name
1
No
346
Process as FDN with spell check or history lookup option
1
To 234 Input a valid URI?

Fig. 3b

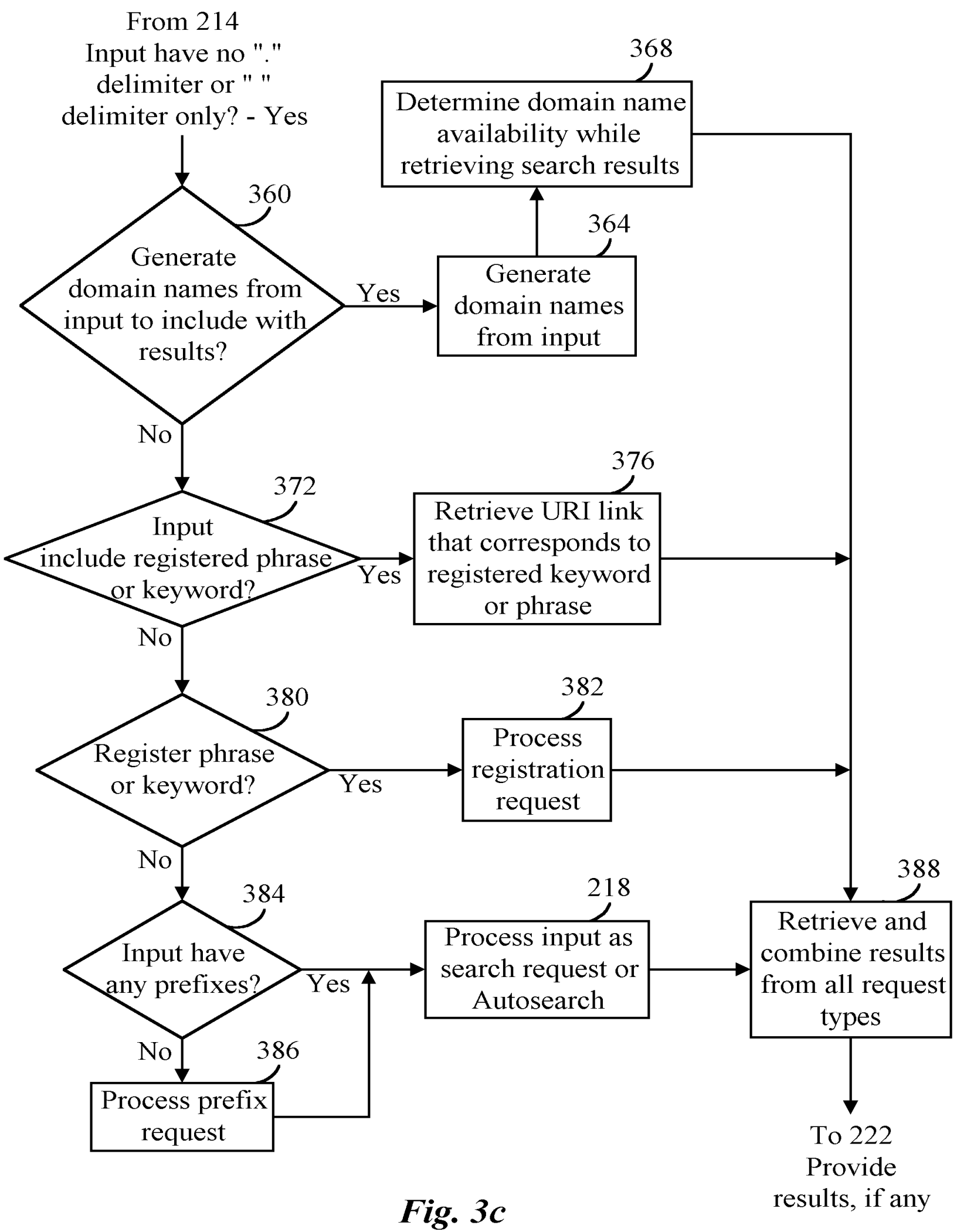

From 214
Input have no "." delimiter or " " delimiter only? - Yes
360
Generate domain names from input to include with results?
Yes
364
Generate domain names from input
368
Determine domain name availability while retrieving search results
No
372
Input include registered phrase or keyword?
Yes
376
Retrieve URI link that corresponds to registered keyword or phrase
No
380
Register phrase or keyword?
Yes
382
Process registration request
No
384
Input have any prefixes?
Yes
218
Process input as search request or Autosearch
No
386
Process prefix request
388
Retrieve and combine results from all request types
To 222
Provide results, if any

Fig. 3c

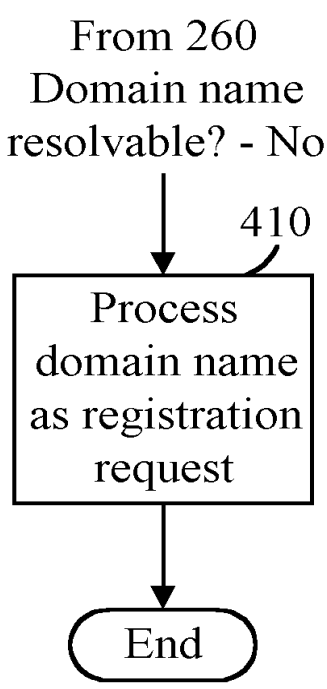


Fig. 4a

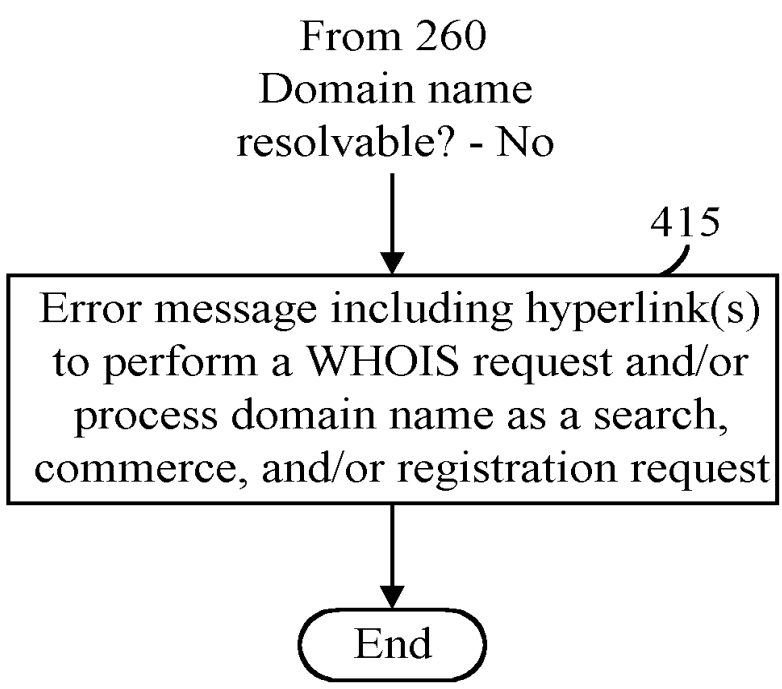


Fig. 4b

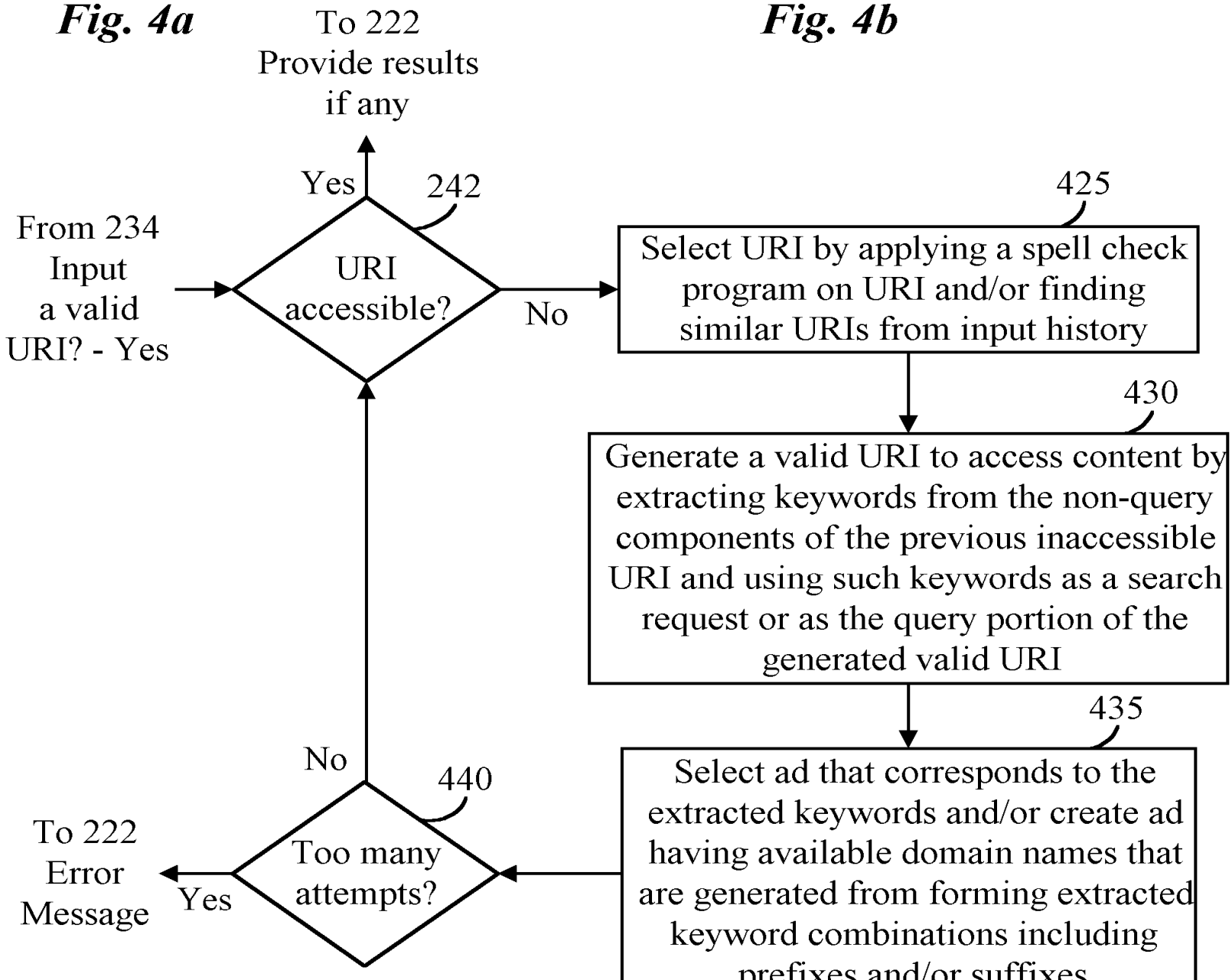


Fig. 4c

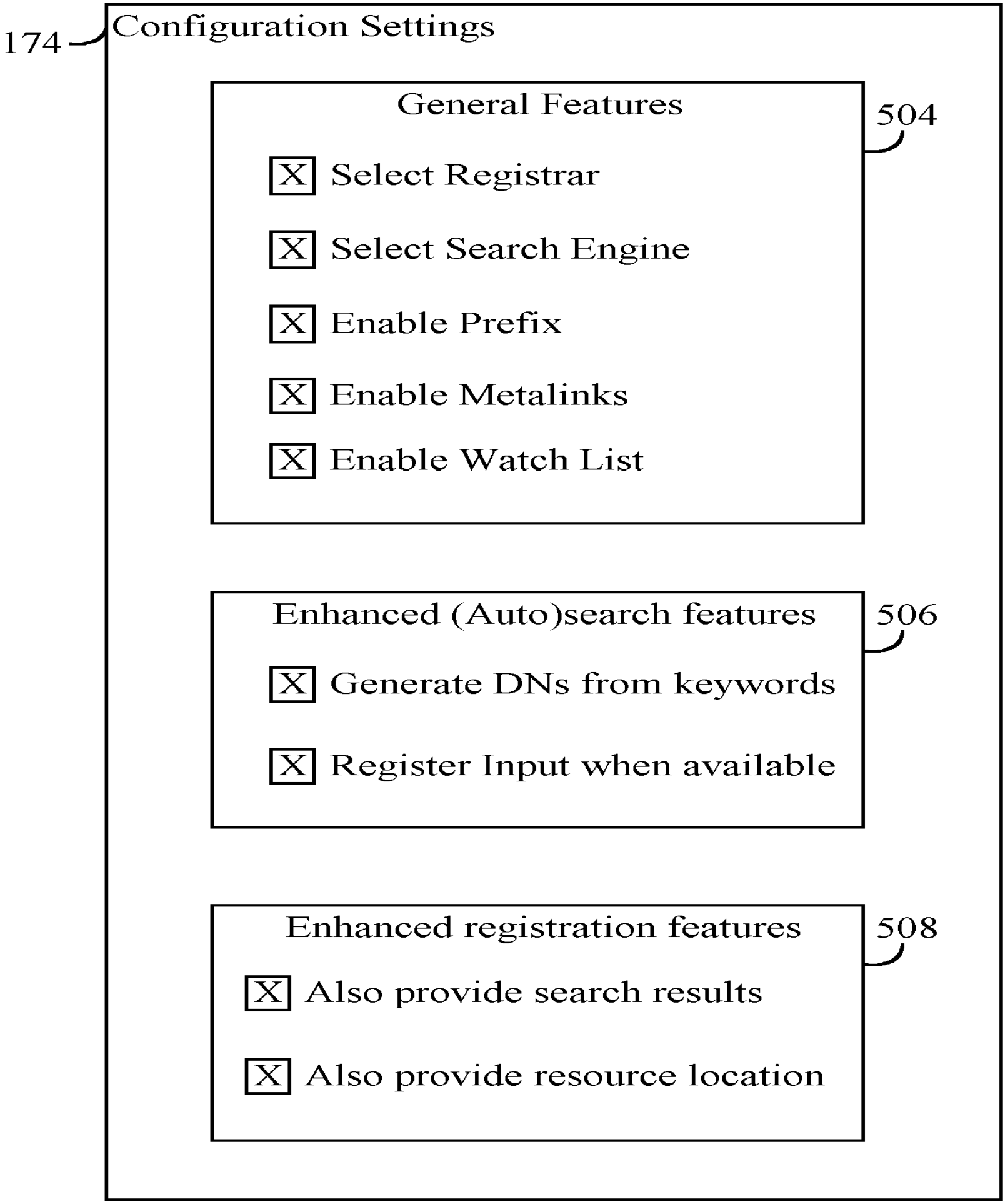

174
Configuration Settings
General Features
504
X Select Registrar
X Select Search Engine
X Enable Prefix
X Enable Metalinks
X Enable Watch List
Enhanced (Auto)search features
506
X Generate DNs from keywords
X Register Input when available
Enhanced registration features
508
X Also provide search results
X Also provide resource location

Fig. 5

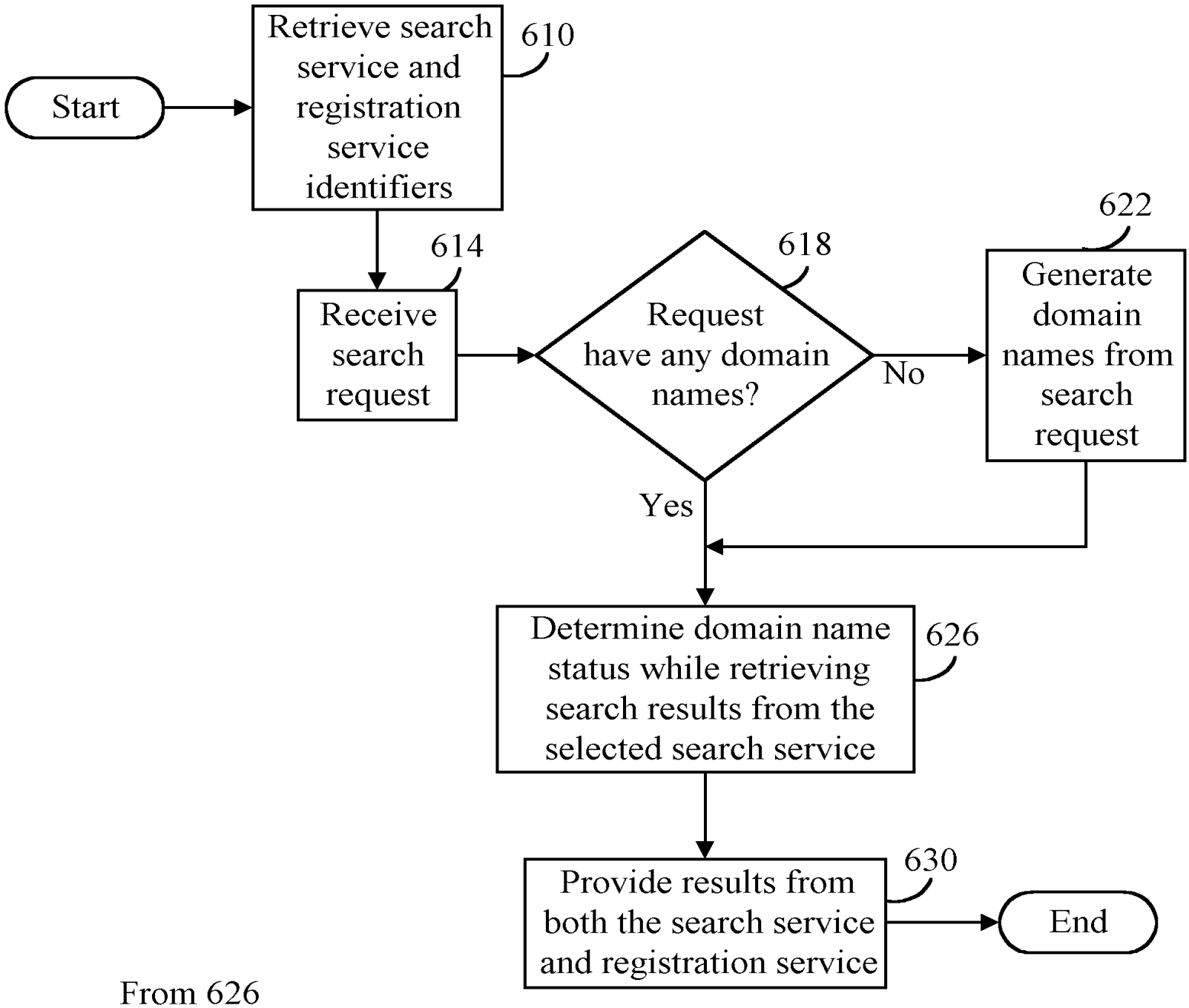

Start
Retrieve search service and registration service identifiers
610
Receive search request
614
Request have any domain names?
618
No
Generate domain names from search request
622
Yes
Determine domain name status while retrieving search results from the selected search service
626
Provide results from both the search service and registration service
630
End

Fig. 6a

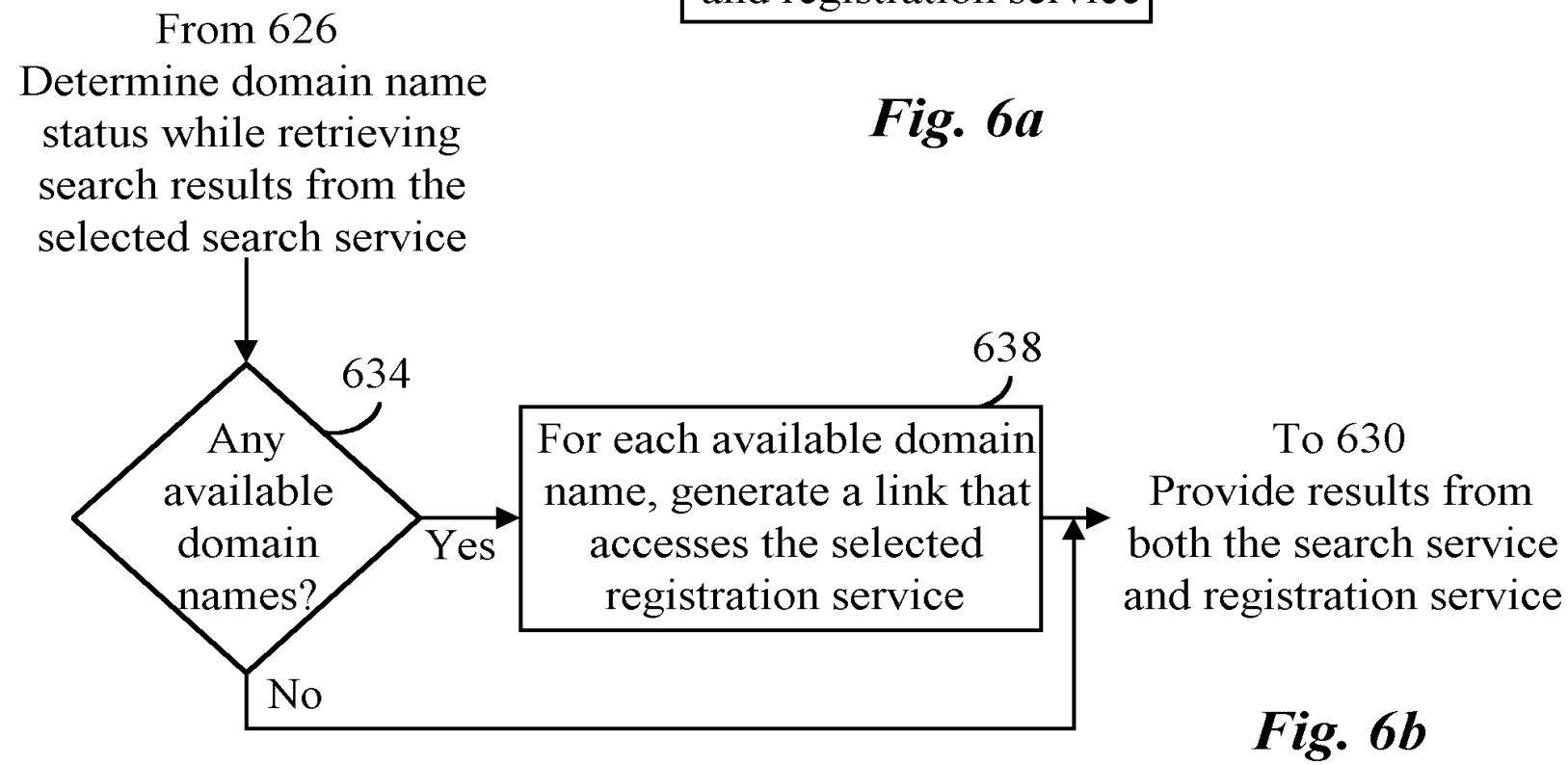

From 626
Determine domain name status while retrieving search results from the selected search service
Any available domain names?
634
Yes
No
For each available domain name, generate a link that accesses the selected registration service
638
To 630
Provide results from both the search service and registration service

Fig. 6b

650
Google
Network Solutions
Enter Keywords
654

Fig. 6c

650
652
Google
Network Solutions
Enter Keywords
Available Domain Names
661
659
Google
Enter Keywords
10 results
All Languages
656
...access code to dial an outside line, enter it in the box provided. If you...
...access code to dial an outside line, enter it in the space provided. If...
Search Help Advanced
...Dilemmas Guest Starz Add Enter keywords below and click Search. ...
...contains all words will be shown. Keywords: E.g., anger control Home |...
660

Fig. 6d

NameStream Domain Portal Microsoft Internet Explorer

File Edit View Favorites Tools Help

Forward

http://searchportal.org

Google integrate link with results

650

List any available Domain Names from your Search Request

662

Google results 1-10 of about 168,000 for Search took 0.74 seconds

656

components, traversing the **link results** in the presentation of a
on the ability to smoothly **integrate link** objects on the local or...

ability to **integrate** with their Back Office implementation. **Results**
Pivotal Customer **Results** DAC Services Support Technologies Ameritas...

665

http://www.regions...

may orient a user and **link** the **results** of an application to the
vegetation or geology orient and **link** the **results** of an...

customizable reports, changed **link** checking **results** can be...
Links and descriptions to more than 150 web test tools and site management tools. Includes freeware...

News Stats ONResources ICANN Registrars IETF RFCs
Trademarks WIPO RealNames Go.To AfterNIC Whois.Net DomainNotes

Fig. 6e

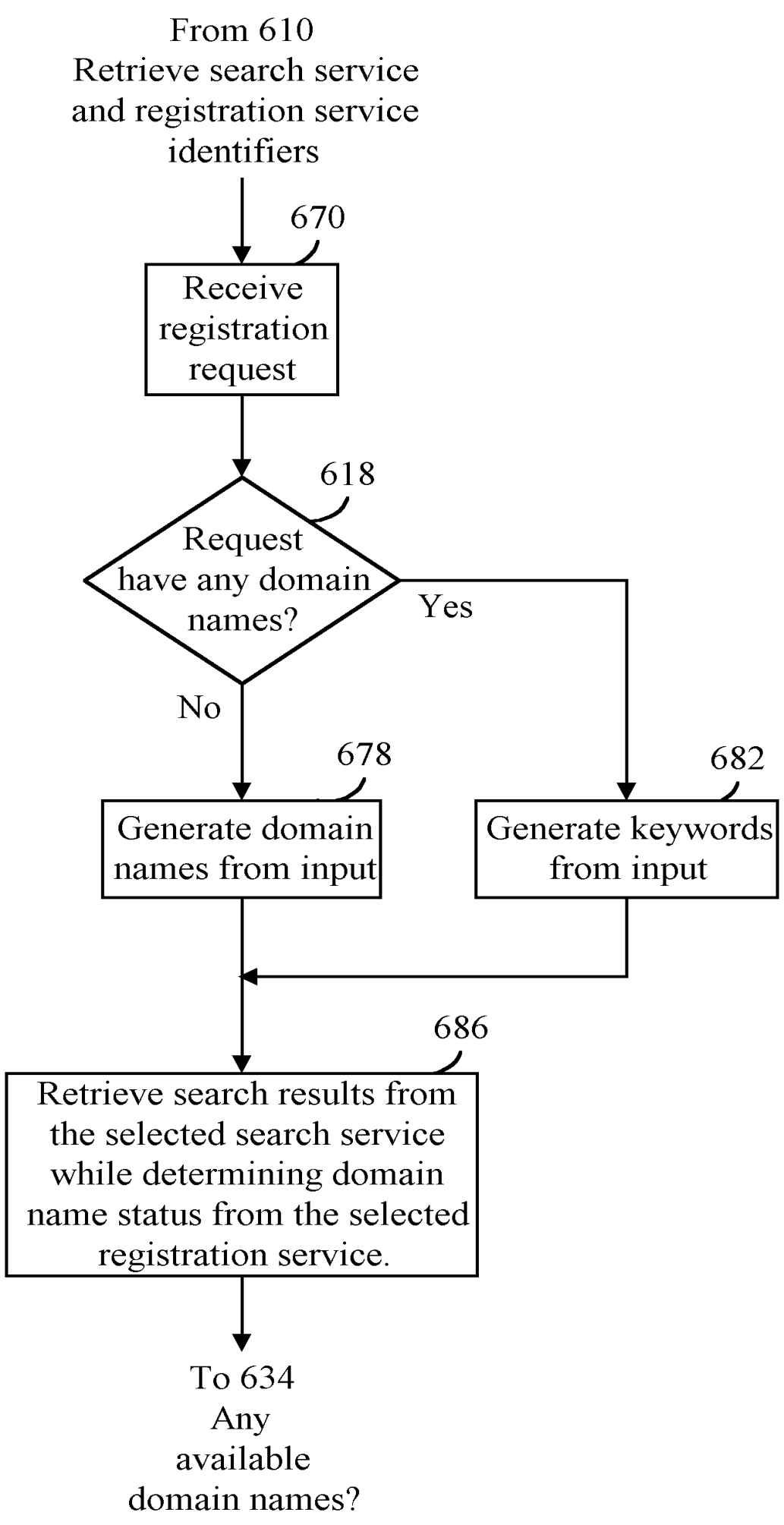

From 610
Retrieve search service and registration service identifiers
670
Receive registration request
618
Request have any domain names?
Yes
No
678
Generate domain names from input
682
Generate keywords from input
686
Retrieve search results from the selected search service while determining domain name status from the selected registration service.
To 634
Any available domain names?

Fig. 6f

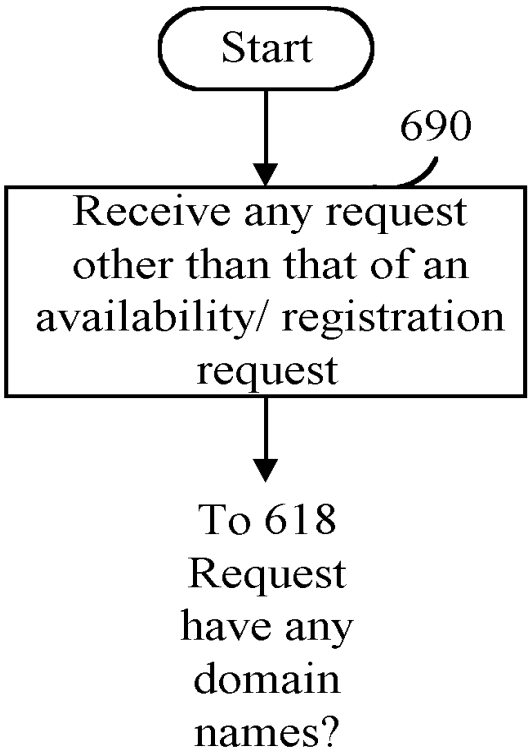

Start
690
Receive any request other than that of an availability/ registration request
To 618
Request have any domain names?

Fig. 6g

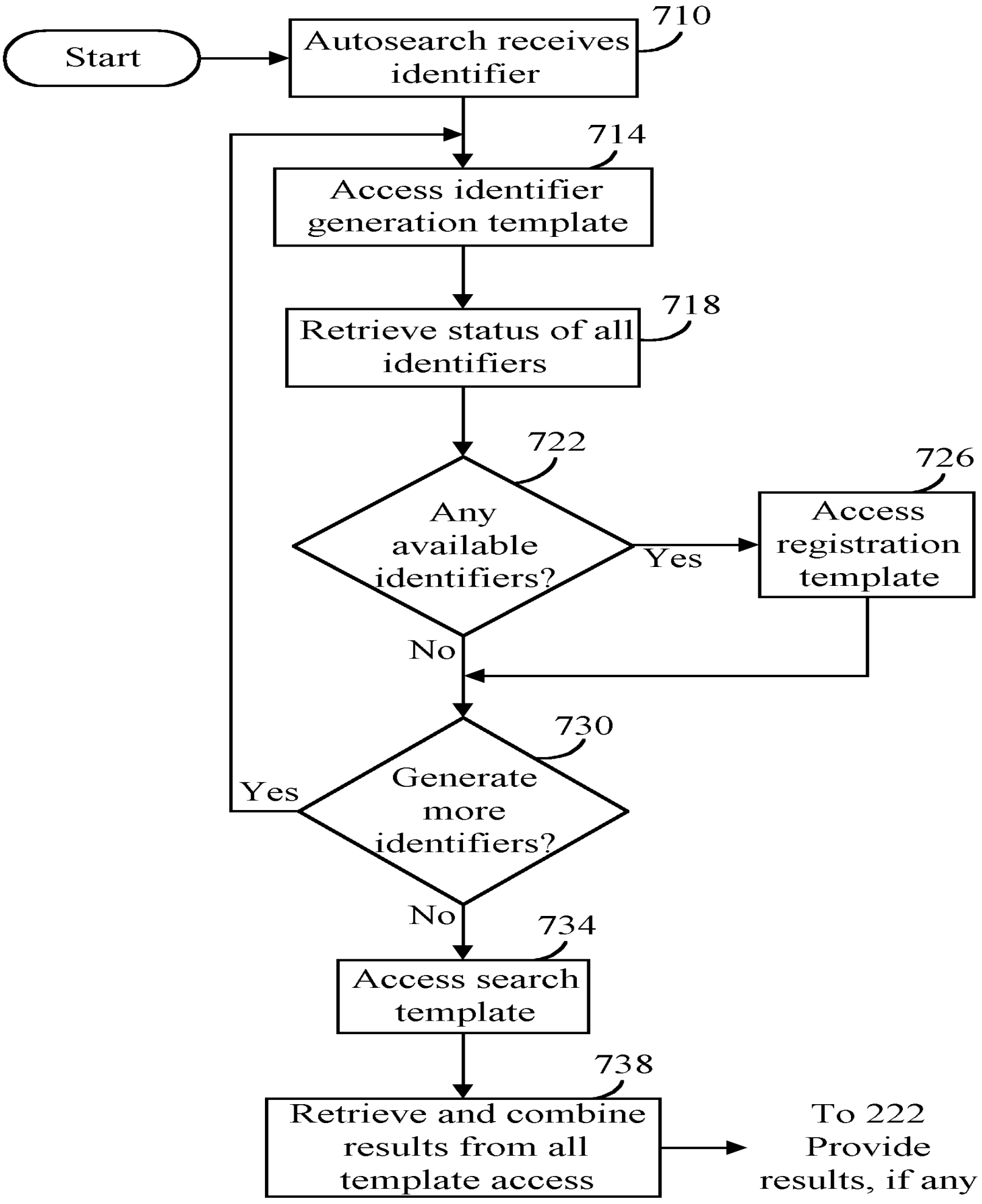

Start
Autosearch receives identifier
710
Access identifier generation template
714
Retrieve status of all identifiers
718
Any available identifiers?
722
Yes
Access registration template
726
No
Generate more identifiers?
730
Yes
No
Access search template
734
Retrieve and combine results from all template access
738
To 222 Provide results, if any

Fig. 7

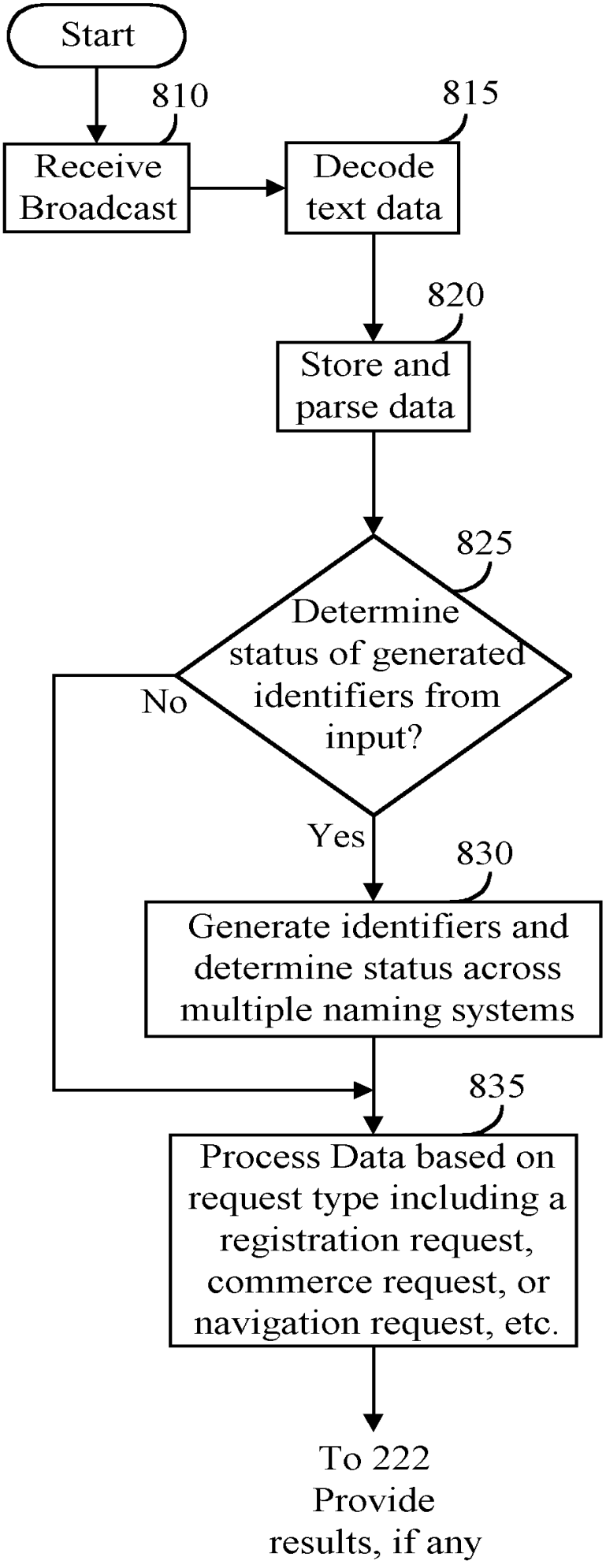


Fig. 8a

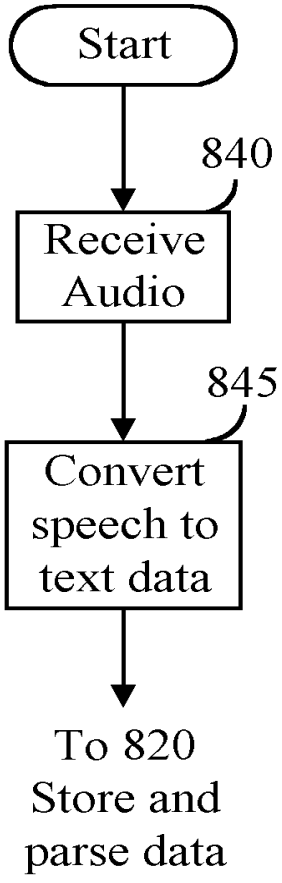


Fig. 8b

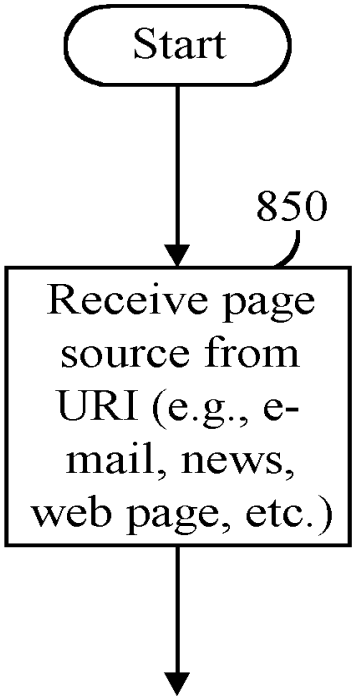


Fig. 8c

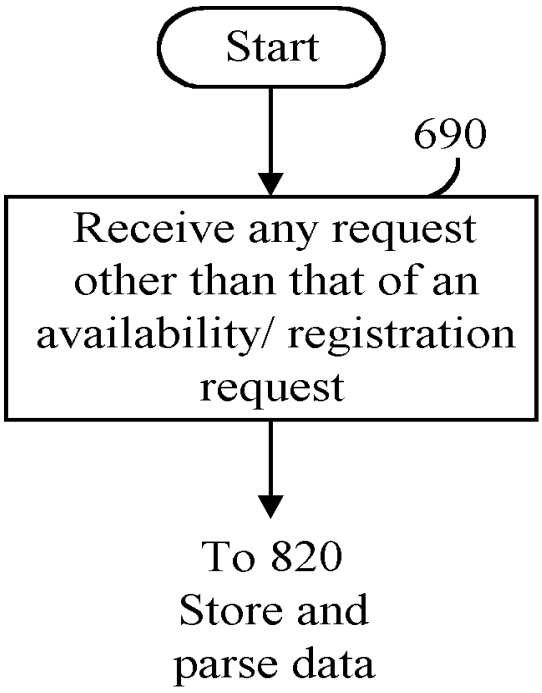


Fig. 8d

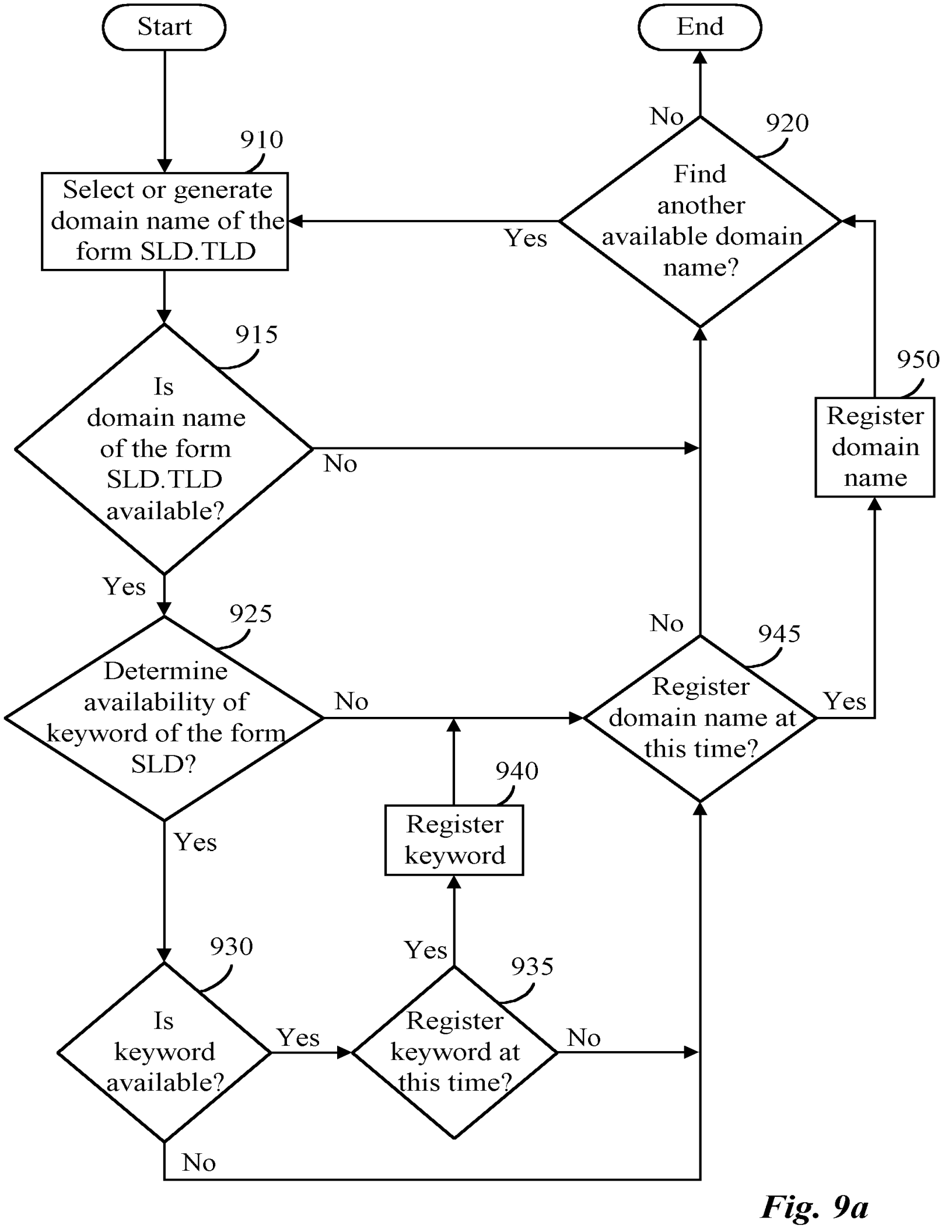

Start
End
910
Select or generate domain name of the form SLD.TLD
920
Find another available domain name?
No
Yes
915
Is domain name of the form SLD.TLD available?
No
950
Register domain name
Yes
925
Determine availability of keyword of the form SLD?
No
945
Register domain name at this time?
No
Yes
940
Register keyword
Yes
930
Is keyword available?
Yes
935
Register keyword at this time?
Yes
No
No

Fig. 9a

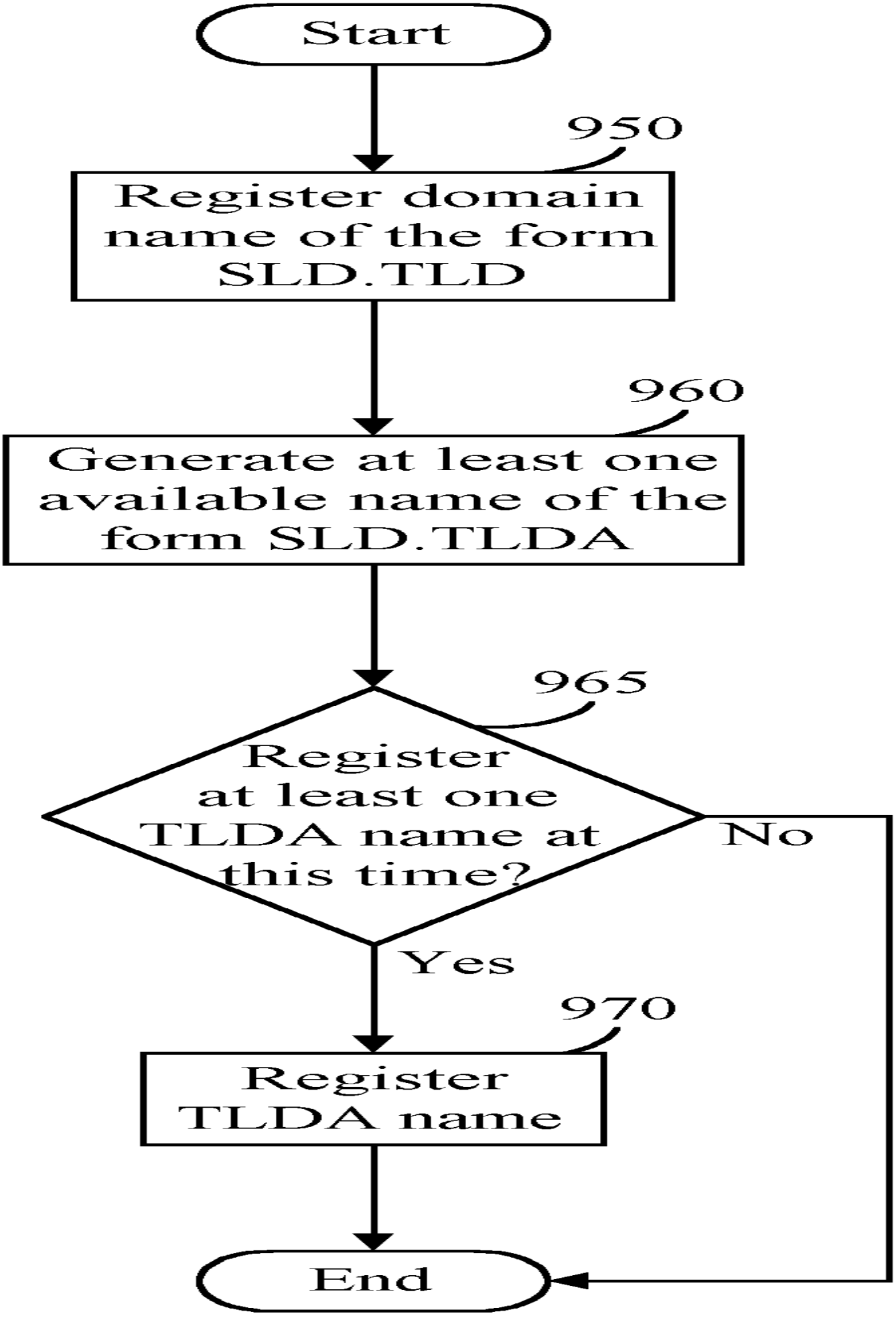

Start
950
Register domain name of the form SLD.TLD
960
Generate at least one available name of the form SLD.TLDA
965
Register at least one TLDA name at this time?
No
Yes
970
Register TLDA name
End

Fig. 9b

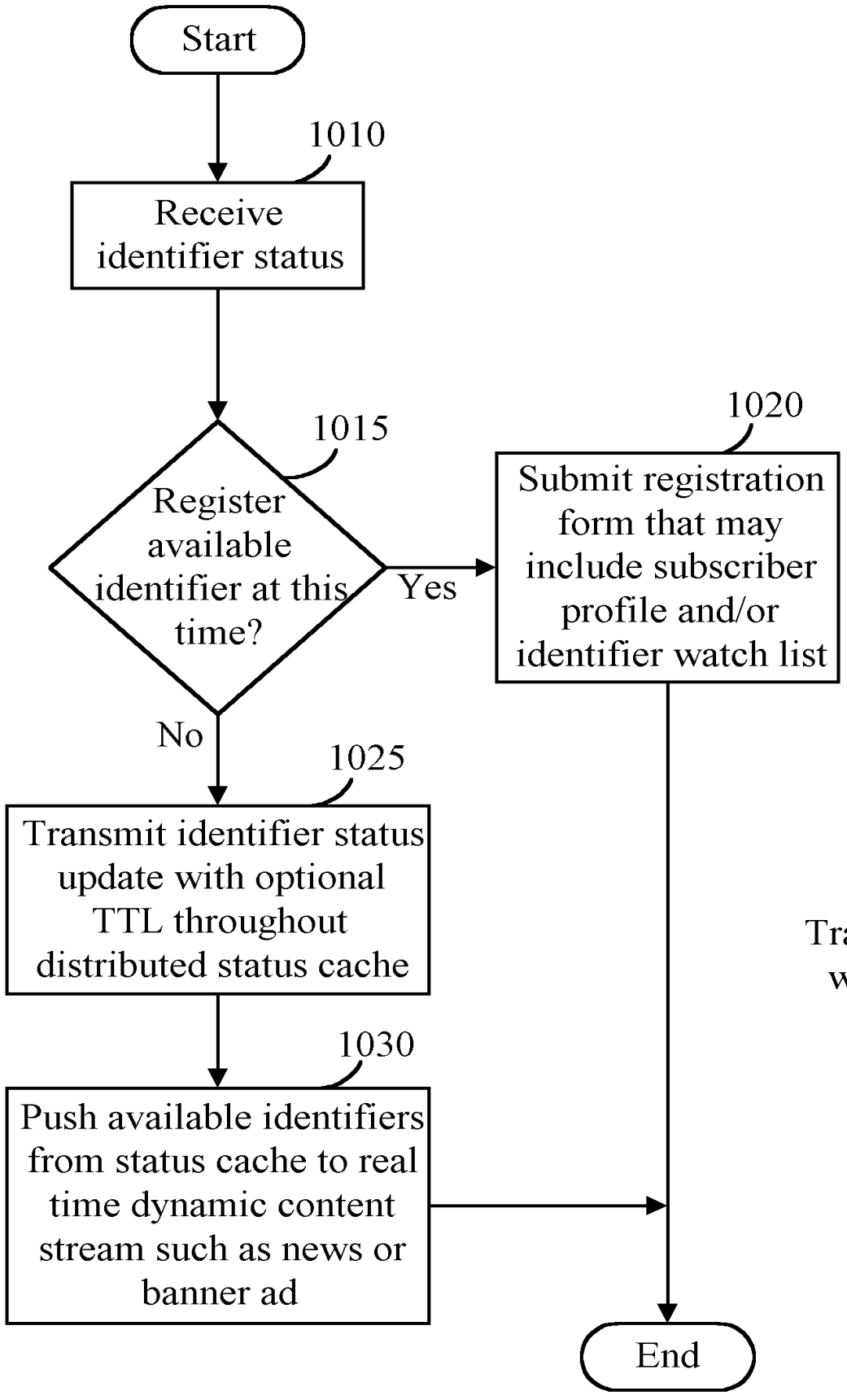


Fig. 10a

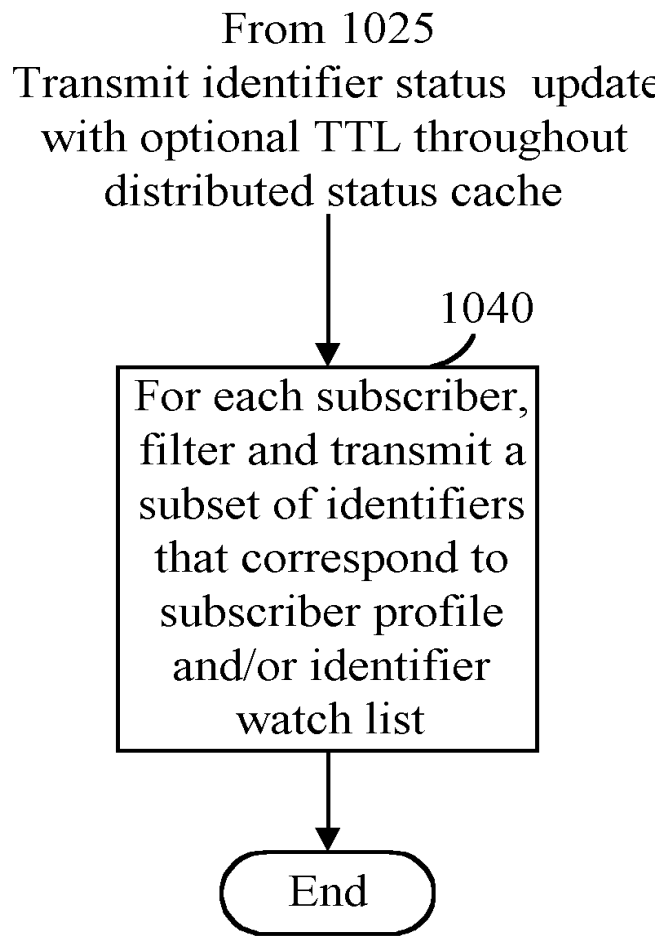


Fig. 10b

UNames Identifier Registration Form

Congratulations!! example.com is available for registration. 1050
Please provide your Registrant information byclicking here!!

Below is a list of other identifiers that are currently available.
Please select which identifiers that you would like to register.

_X_ example.com
____ example.sitemap
_X_ example.411
____ example.news 1055
_X_ exampleco
____ 1-800-example

Please provide any keywords or descriptors that you would like to put in your watch list so that we may be able to inform you of any available identifiers that may become available in the future.

By using the watch list you may also stay current on what identifiers your competition may be registering.

Enter the identifiers that are registered by your competitors and enter any geographic, psychographic, and/or demographic information here including any keywords of interest for yourself and your competition.

1060	
News	
Stories	

1065

Click here to receive any suggested identifiers based on your registrant information and/or any selected categories of interest to help make your watch list selection.

Submit Reset

Fig. 10c

UNames Identifier SignUp Form

Dear potential registrant,

Unfortunately, finding an available domain name is a labor intensive process. When U are ready to register, there is a lot of information needed from U to complete your registration request. Too often, customers may not have the extra time to fill out all of this information at the point of registration.

By filling out your contact and billing information in advance, we can minimize both your time and the information needed from U at the point of registering your domain name while educating you as to our company and a variety of strategies that U can use in finding a domain name that you're interested in.

In addition, we have other programs such as our Watch list program, Tell-a-Friend program, and our gift certificate program. For instance, until January 2000 a registrant had to purchase a domain name for a minimum of 2 years for an average price of $70 making it generally unfeasible to offer a gift certificate program such as this one.

Since January, and due to competition in price. Domain names may be purchased for as little as $20 for a single year making it feasible for the first time to offer a widespread domain name gift certificate program.

Remember U can also take advantage of our watch list program by entering the names that are registered by your competitors and enter any geographic, psychographic, and/or demographic information here including any keywords of interest for yourself and your competition.

Click here to provide or receive any suggested names based on your registrant information, competitors, and/or any selected categories of interest to help make your watch list selection.

Please provide your Registrant information by clicking here !!
Click here to purchase a Gift Certificate
To tell a friend about our signup form that saves time, click here!
Click here to get started with your own watch list!
Ready to find a domain name NOW?? then Click here

Fig. 10d